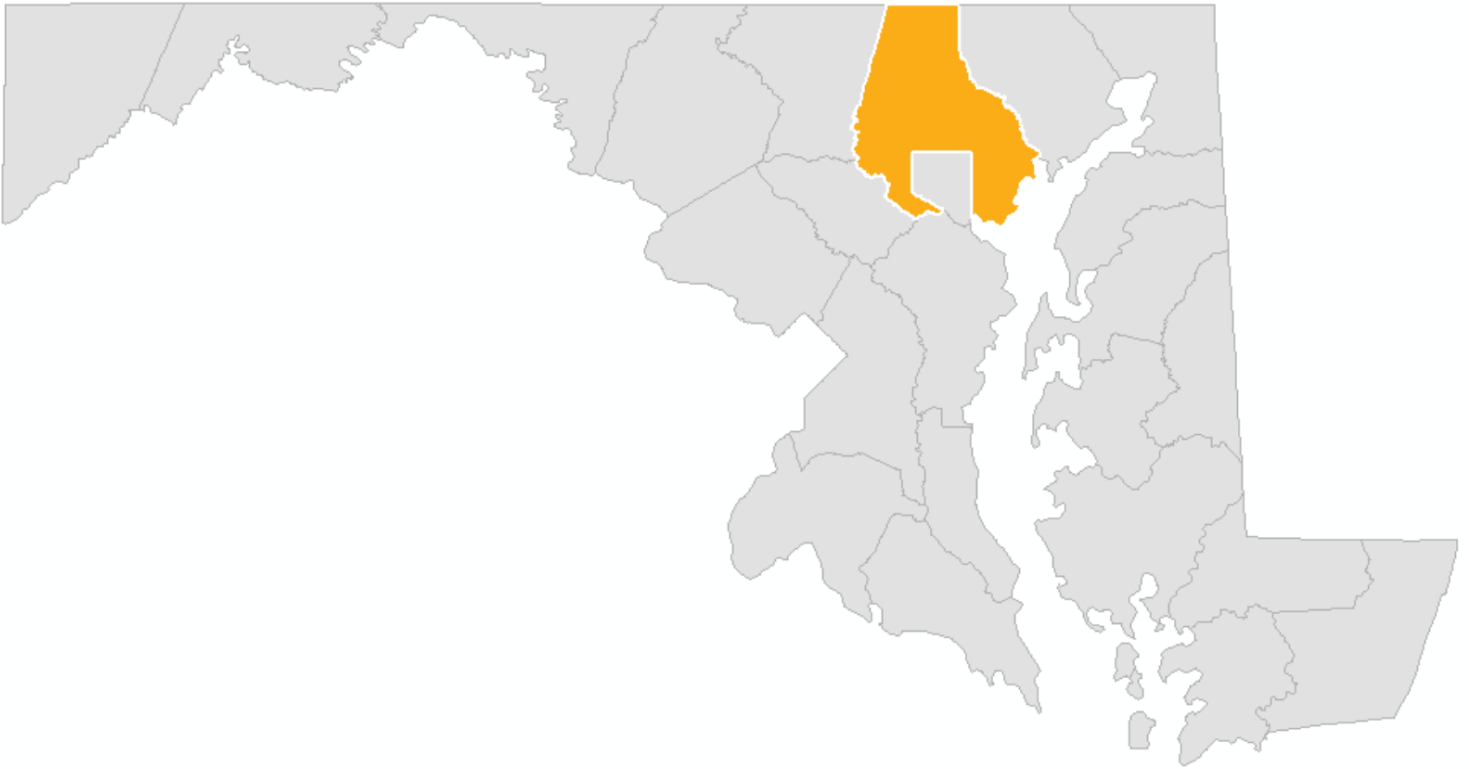


2017



Baltimore County Annual HIV Epidemiological Profile

Data reported through June 30, 2018



MARYLAND
Department of Health

Center for HIV Surveillance, Epidemiology and Evaluation
Infectious Disease Prevention and Health Services Bureau
Prevention and Health Promotion Administration
<http://phpa.health.maryland.gov/OIDEOR/CHSE>
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Section I – Background Information

HIV/AIDS Reporting Requirements

The Maryland HIV/AIDS Reporting Act of 2007 went into effect on April 24, 2007. The law expanded HIV/AIDS reporting and required that HIV cases be reported by name. The following highlights the reporting requirements of Health-General Articles 18-201.1, 18-202.1, and 18-205 of the Annotated Code of Maryland, as specified in the Code of Maryland Regulations (COMAR) 10.18.02.

- Physicians are required to report patients in their care with diagnoses of HIV or AIDS immediately to the Local Health Department where the physician's office is located by mailing the Maryland Confidential Morbidity Report (DHMH 1140). Reports are also accepted by phone.
- Physicians are required to report infants born to HIV positive mothers within 48 hours to the Maryland Department of Health by mailing the Maryland Confidential Morbidity Report (DHMH 1140). Reports are also accepted by phone.
- Clinical and infection control practitioners in hospitals, nursing homes, hospice facilities, medical clinics in correctional facilities, inpatient psychiatric facilities, and inpatient drug rehabilitation facilities are required to report patients in the care of the institution with diagnoses of HIV or AIDS within 48 hours to the Local Health Department where the institution is located by mailing the Maryland Confidential Morbidity Report (DHMH 1140). Reports are also accepted by phone. Facilities with large volumes are encouraged to contact the Maryland Department of Health to establish electronic reporting.
- Laboratory directors are required to report patients with laboratory results indicating HIV infection (e.g., positive confirmatory HIV diagnostic tests, all CD4 immunological tests, all HIV viral load tests, and all HIV genotype and phenotype tests) within 48 hours to the Local Health Department where the laboratory is located, or if out of state to the Maryland Department of Health, by mailing the State of Maryland HIV/CD4 Laboratory Reporting Form (DHMH 4492). Laboratories are encouraged to contact the Maryland Department of Health to establish electronic reporting.

Reporting forms and instructions, including mailing addresses and phone numbers, are available on our website: <https://phpa.health.maryland.gov/OIDEOR/CHSE/Pages/reporting-material.aspx>

For Assistance with HIV/AIDS Reporting

For assistance with reporting, including establishment of routine, electronic, or other alternate methods of reporting to the Maryland Department of Health, please contact the Center for HIV Surveillance, Epidemiology and Evaluation in the Maryland Department of Health at 410-767-5227.

Limitations in the HIV/AIDS Data

This epidemiological profile only contains data for HIV and AIDS cases that have been diagnosed by a health care provider, were reported to the health department by name, and were residents of Maryland at the time of diagnosis or are current residents of Maryland as of December 31, 2017. The most recent Centers for Disease Control and Prevention (CDC) estimate of the number of people living with undiagnosed HIV infection is 14.5 percent for the United States and 14.0 percent for Maryland in 2015. Using the CDC CD4 depletion model on Maryland surveillance data, the estimated number of people living with undiagnosed HIV infection in Maryland is 11.6 percent in 2016. Surveillance is the ongoing systematic collection, analysis, interpretation, and dissemination of case report data. Case report data are only available for cases receiving medical care, often only at facilities in Maryland, and only includes information that has been reported to the health department. Linkage to care data is based solely on laboratory data reported to the health department.

This epidemiological profile provides estimates of living Maryland diagnosed cases by current residence as of December 31, 2017. Residence at diagnosis and age at diagnosis are used exclusively to describe new HIV and AIDS diagnoses. Current residence data are restricted to cases for which there is a case report form or laboratory test reported since January 1, 2009. Restricting address data to recent years presents the most accurate data available and helps to account for cases that may have moved out of state whose data would no longer be reported in Maryland. However, current residence data excludes cases that may still be residents of Maryland but have not received any HIV care during

the most recent nine and a half years. In addition, residence is dynamic and cases may have resided at multiple addresses that cannot all be represented in single time point estimates.

This epidemiological profile contains data for transgender HIV and AIDS cases that have been diagnosed by a health care provider, were reported to the health department by name, and were residents of Maryland at the time of diagnosis or are current residents of Maryland as of December 31, 2017. Historically, it has been difficult to fully present data by current gender identification. Data on transgender people has been limited in the Maryland Department of Health's Enhanced HIV/AIDS Reporting System (eHARS). No reliable system exists for collecting or reporting gender identity and some agencies do not collect or have complete data on gender identity. This report is likely underreporting the number transgender HIV and AIDS cases because of challenges in accurately identifying and reporting gender identity in HIV surveillance.

Lastly, the completeness of reporting for race/ethnicity is variable in surveillance data. Definitions of race/ethnicity categories may vary across agencies and some agencies do not collect or have complete data on race/ethnicity. This report may be overreporting the number of Multiracial HIV and AIDS cases because of challenges in accurately identifying and reporting race/ethnicity in HIV surveillance.

For additional information regarding current residence, please contact the Center for HIV Surveillance, Epidemiology and Evaluation in the Maryland Department of Health at 410-767-5227.

Stages of a Case of HIV/AIDS

Untreated HIV disease progresses from HIV infection to AIDS to death. These are biological events that occur whether or not a person receives any medical care. For example, a person can be HIV infected but never have an HIV test and so they do not have an HIV diagnosis. A medical provider diagnoses that these biological events have occurred and records them as a medical event. The law requires medical providers to report these medical events to the Health Department, thereby creating a surveillance event.

Time Point	Biological Event	Medical Event	Surveillance Event
1	HIV Infection		
2		HIV Diagnosis	
3			HIV Report
4	AIDS Conditions		
5		AIDS Diagnosis	
6			AIDS Report
7	Death		
8		Death Diagnosis	
9			Death Report

A case of HIV/AIDS can only move through time in one direction, from HIV infection to death report [from time point 1 to time point 9], but may skip over individual stages. Events can occur simultaneously, but usually there is a time lag between them. The time lag between events can be measured in days, months, and years.

For example, the time between HIV infection [time point 1] and the test that diagnoses HIV [time point 2] may be several years, and it may then take several days for the laboratory and physician to report the diagnosis to the health department [time point 3]. In a second example, a person with diagnosed and reported HIV infection [time point 3] may die [time point 7] without developing AIDS, thereby skipping the three AIDS events (conditions, diagnosis, and report [time points 4, 5 and 6]). And in a third example, a person with undiagnosed HIV infection [time point 1] may become sick, enter the hospital, and die [time point 7] of what is later determined to be AIDS. In that situation, HIV diagnosis [time point 2], AIDS diagnosis [time point 5], and death diagnosis [time point 8] would all occur at the same time, and that would probably be many years after the initial HIV infection [time point 1].

Changes in Case Terminology

The terminology for HIV and AIDS cases was changed from earlier epidemiological profiles to be more precise, with Reported Diagnoses replacing Incidence and Living Cases replacing Prevalence. Incidence is a measure of the number of new events (such as HIV infections) in a population during a period of time. Prevalence is a measure of the number

of people living with a condition (such as HIV) in a population at a certain time. Prevalence includes both newly and previously diagnosed cases as well as undiagnosed infections. For HIV, Incidence and Prevalence cannot be directly measured and must be estimated using statistical methods. The HIV surveillance system is able to provide the actual number of diagnoses and deaths that are reported in the population.

For this epidemiological profile, reports received through a certain time (six months after December 31st of the specified year) are used to generate the number of diagnoses during the prior years. This lag time allows for delays in reporting and time to complete investigations. Instead of the previous one-year lag, this epidemiological profile utilizes a six-month lag, and as a result, data on exposure category and deaths for the prior year are preliminary. For example, the Reported HIV Diagnoses for 2017 are the total of the reported HIV cases with or without an AIDS diagnosis, diagnosed with HIV from January 1, 2017 through December 31, 2017, as reported by name through June 30, 2018.

To calculate the number of Living Cases we count all Reported Diagnoses from the beginning of the epidemic (all new cases each year) and subtract all Reported Deaths. For example, the Total Living HIV Cases on December 31, 2017 are the total reported HIV Cases with or without an AIDS diagnosis and not reported to have died as of June 30, 2018 as reported by name through June 30, 2018.

Laboratory Data

CD4+ T-lymphocyte tests are measures of a person's immune system function. An HIV infected adult is considered to have AIDS if they have less than 200 CD4+ cells per microliter of blood or if the percent of T-Lymphocyte cells that are CD4+ cells is less than 14 percent. Viral load (VL) tests are measures of the amount of HIV in a person's body. The goal of HIV treatment is to have a very low number of copies of virus per milliliter of blood, below what the test can measure, which is called an undetectable level. Low levels of VL, such as less than 200 copies per milliliter of blood, are known as viral suppression. Treatment recommendations are that a person in HIV medical care should have their CD4 and VL levels measured regularly, at least once per year. We use the presence of these lab tests as an indicator that someone has been "linked to care" after diagnosis or is "retained in care."

Sources of Data

Information on HIV and AIDS diagnoses, including residence at diagnosis, age, race/ethnicity, sex at birth, current gender, country of birth, vital status, HIV exposure category, and CD4 and HIV viral load test results are from the Maryland Department of Health's eHARS, June 30, 2018.

Population data by sex, age, and race/ethnicity are from the July 1, 2017 U.S. Census Estimates. Population data by country-of-birth are from the Census Bureau's 2016 American Community Survey. This produces a difference in total population due to the different source. Due to estimation limitations, some population totals may not equal the sum of its components. When needed, age groups were divided by assuming uniform age distribution within the age group. Non-Hispanic multiple race and Non-Hispanic some other race from the Census were combined into one group.

Estimations of those undiagnosed are from the Centers for Disease Control and Prevention's HIV Surveillance Supplemental Report published March 2018. The continuum of care is adapted from a 2011 article in Clinical Infectious Diseases in which a continuum of care "cascade" is used to illustrate estimates of the number of persons living with HIV who belong to each of the stages of engagement in HIV care.

Tabulation of Column Totals

Numbers in figures, tables and generally in the text have been rounded. Discrepancies in tables between totals and sums of components are due to rounding.

Data Suppression

In order to protect the confidentiality of reported HIV cases, data are suppressed in the following instances:

- Data describing a demographic group or geographic area (e.g. ZIP code) with a population less than 1,000 people.
- All clinical/laboratory information if it is describing less than 5 cases.
- If any cell is suppressed, additional cells are also suppressed as necessary to prevent back calculation of the suppressed cell(s).

Exposure/risk data is not suppressed due to statistical adjustment resulting in the reporting of estimated or probable risk.

HIV Exposure Categories

The Centers for Disease Control and Prevention (CDC) developed a hierarchy of exposure categories for surveillance purposes. Persons with more than one reported risk factor are classified in the exposure category listed first in the hierarchy and therefore counted only once. Men who report a history of sexual contact with other men and report injection drug use constitutes a separate transmission category.

MSM/IDU: Men who report a history of sexual contact with other men who also have engaged in injection drug use.

Male-to-male Sexual Contact (MSM): Men who report a history of sexual contact with other men (homosexual contact) including men who report sexual contact with both men and women (bisexual contact).

Injection Drug Use (IDU): Men or women who report receiving an injection, either self-administered or given by another person, of a drug that was not prescribed by a physician.

Heterosexual Contact (HET): Men or women who report a history of sexual contact with a person of the opposite sex who is known to have an HIV infection or at high risk for an HIV infection. High risk groups include bisexual men, IDUs and recipients of blood, blood components, transplants of organ or tissue and artificial insemination.

Perinatal Exposure: Any baby born to an HIV positive mother.

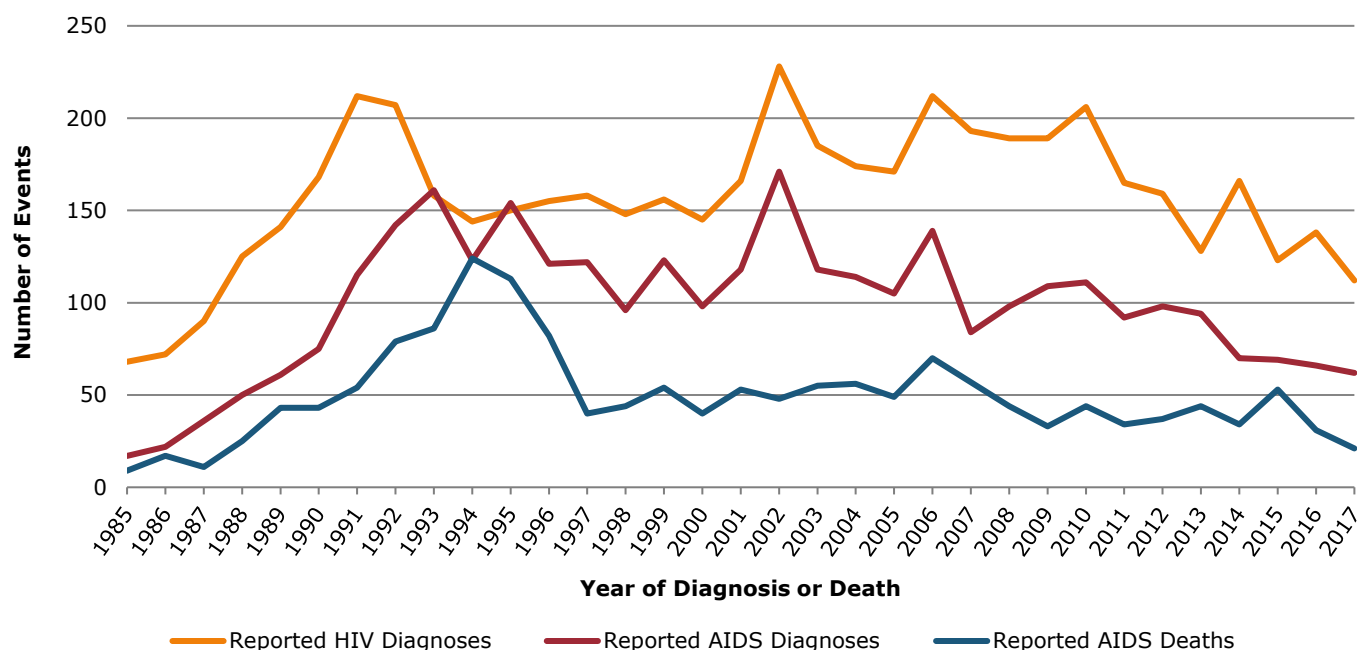
Other Exposure: Includes men or women who received clotting factor for hemophilia/coagulation disorder, or received a transfusion of blood/blood components, or received a transplant of tissue/organs or artificial insemination, or worked in a health care or clinical laboratory setting.

Not all exposure data is reported and is therefore missing for some cases. Multiple imputation is a statistical method by which missing exposure categories are replaced with estimated or probable exposure categories. Multiple imputation involves filling in the missing exposure category with multiple possible exposures, creating several complete datasets. Filling in the missing exposure category is done using the observed data for the individual case as well as data in aggregate from other cases in Maryland. The complete datasets, containing the various predictions for each missing exposure category, are combined to create a final dataset with previously missing exposure category replaced by weighted estimates. Perinatal transmission and other exposure categories are never estimated or adjusted and depict the reported exposure category.

Section II – Trends 1985-2017

Figure 1 – Trends in Reported HIV and AIDS Diagnoses and Deaths, among Residents at Diagnosis, 1985-2017, Reported through June 30, 2018

Reported HIV Cases with or without an AIDS Diagnosis (Reported HIV Diagnoses) by Year of HIV Diagnosis, Reported HIV Cases with an AIDS Diagnosis (Reported AIDS Diagnoses) by Year of AIDS Diagnosis, and Reported HIV Cases with an AIDS Diagnosis Reported to have Died of Any Cause (Reported AIDS Deaths) by Year of Death, from 1985 through 2017 as Reported through June 30, 2018

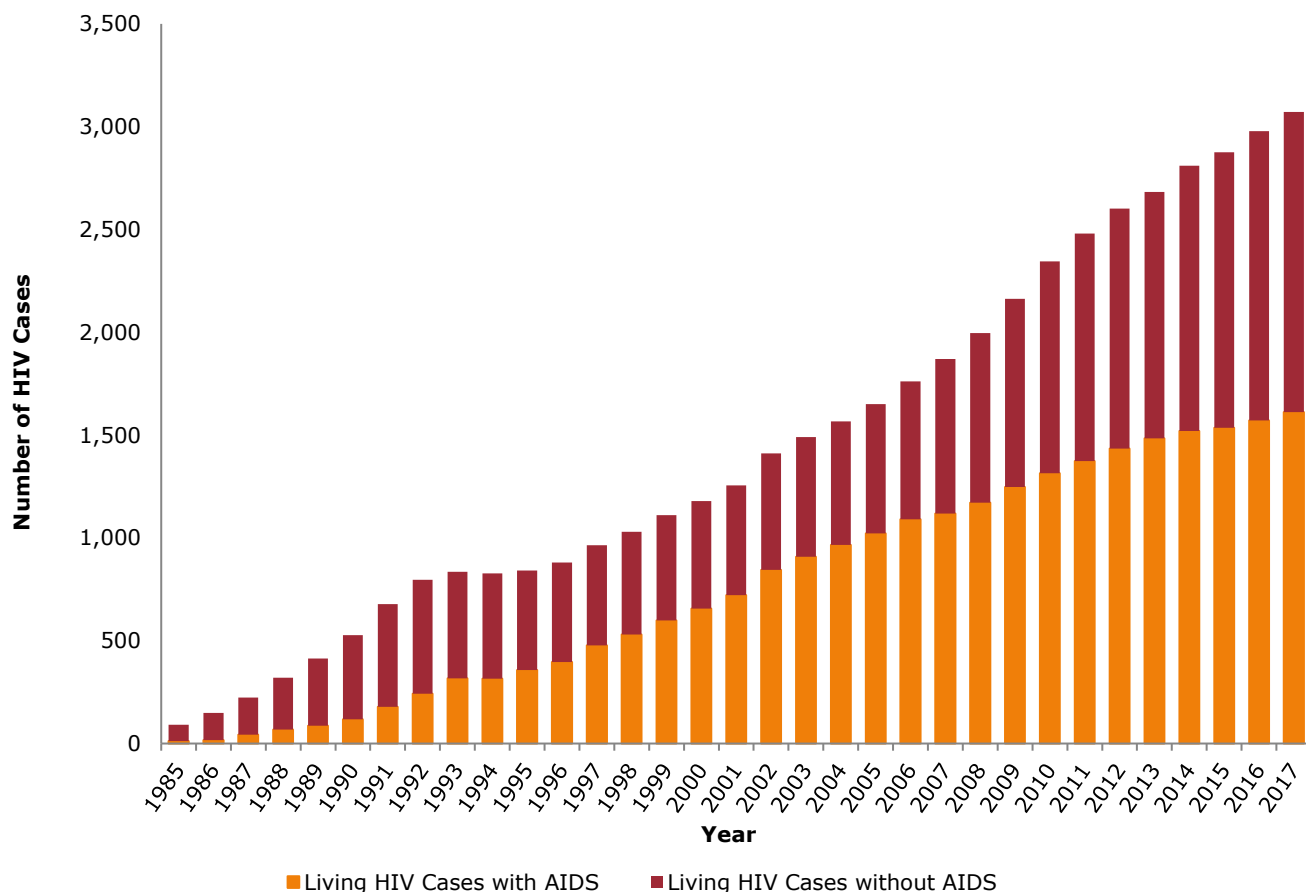


Year of Diagnosis or Death	Reported HIV Diagnoses	Reported AIDS Diagnoses	Reported AIDS Deaths	Year of Diagnosis or Death	Reported HIV Diagnoses	Reported AIDS Diagnoses	Reported AIDS Deaths
<1985	42	8	4	2001	166	118	53
1985	68	17	9	2002	228	171	48
1986	72	22	17	2003	185	118	55
1987	90	36	11	2004	174	114	56
1988	125	50	25	2005	171	105	49
1989	141	61	43	2006	212	139	70
1990	168	75	43	2007	193	84	57
1991	212	115	54	2008	189	98	44
1992	207	142	79	2009	189	109	33
1993	158	161	86	2010	206	111	44
1994	144	123	124	2011	165	92	34
1995	150	154	113	2012	159	98	37
1996	155	121	82	2013	128	94	44
1997	158	122	40	2014	166	70	34
1998	148	96	44	2015	123	69	53
1999	156	123	54	2016*	138	66	31
2000	145	98	40	2017*	112	62	21
				Total	5,243	3,242	1,631

*2016-2017 reported AIDS deaths are preliminary

Figure 2 – Trends in Living HIV Cases, among Residents at Diagnosis, 1985-2017, Reported through June 30, 2018

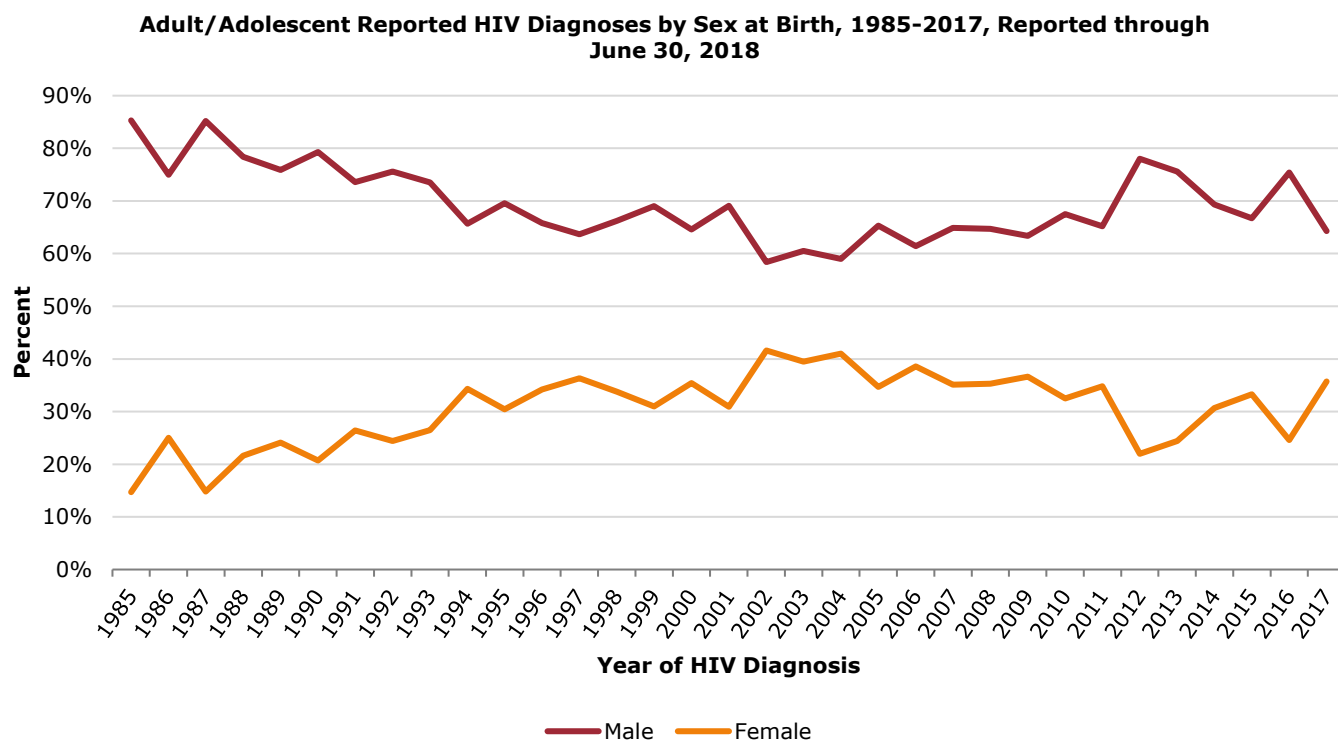
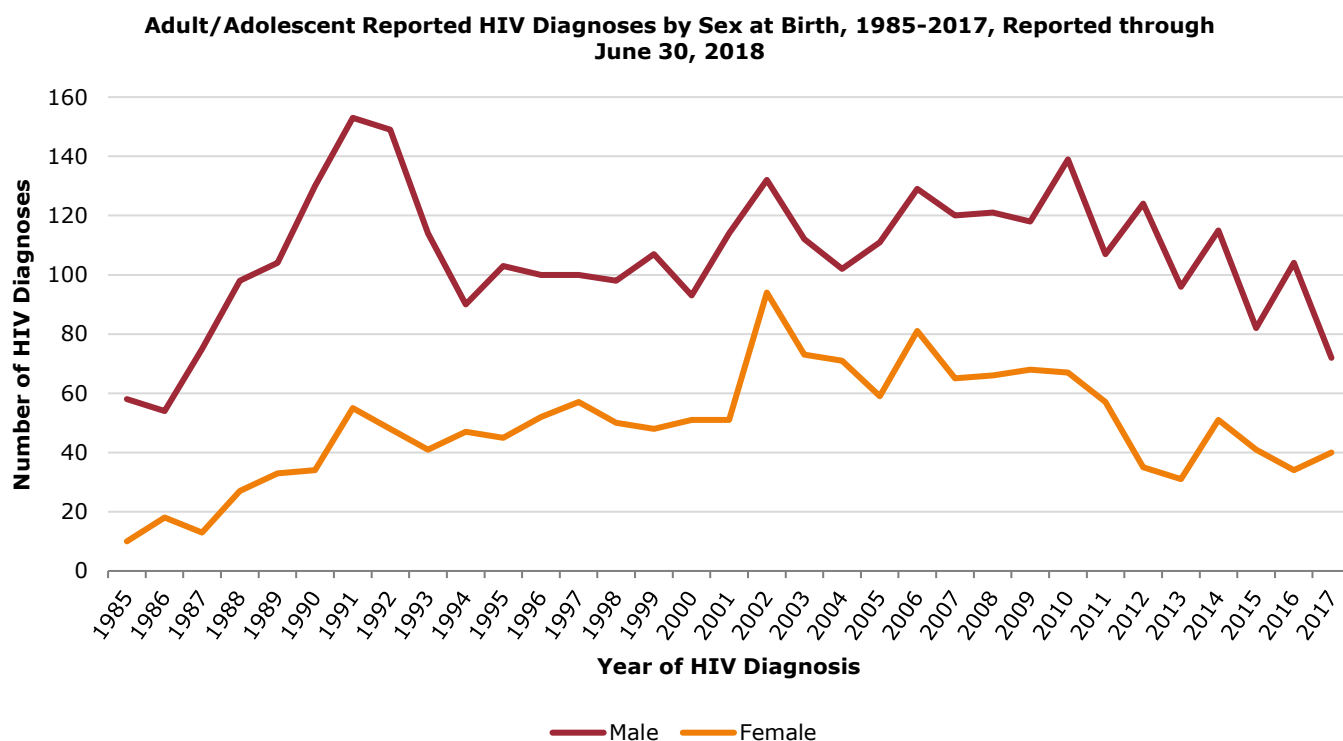
Reported HIV Cases with or without an AIDS Diagnosis and Not Reported to have Died as of December 31st of Each Year (Living HIV Cases without AIDS, Living HIV Cases with AIDS, and Total Living HIV Cases) from 1985 through 2017, as Reported through June 30, 2018



Year	Living HIV Cases without AIDS	Living HIV Cases with AIDS	Total Living HIV Cases	Year	Living HIV Cases without AIDS	Living HIV Cases with AIDS	Total Living HIV Cases
1985	80	12	92	2002	566	845	1,411
1986	132	17	149	2003	582	908	1,490
1987	181	43	224	2004	601	966	1,567
1988	252	68	320	2005	629	1,022	1,651
1989	327	86	413	2006	670	1,091	1,761
1990	409	118	527	2007	752	1,118	1,870
1991	499	179	678	2008	824	1,172	1,996
1992	555	242	797	2009	915	1,248	2,163
1993	518	317	835	2010	1,030	1,315	2,345
1994	512	316	828	2011	1,107	1,373	2,480
1995	484	357	841	2012	1,168	1,434	2,602
1996	484	396	880	2013	1,198	1,484	2,682
1997	486	478	964	2014	1,290	1,520	2,810
1998	500	530	1,030	2015	1,340	1,536	2,876
1999	511	599	1,110	2016	1,407	1,571	2,978
2000	522	657	1,179	2017	1,459	1,612	3,071
2001	534	722	1,256				

Figure 3 – Trends in Adult/Adolescent Reported HIV Diagnoses by Sex at Birth, among Residents at Diagnosis, 1985-2017, Reported through June 30, 2018

Number and Percent by Sex at Birth of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2017, as Reported through June 30, 2018

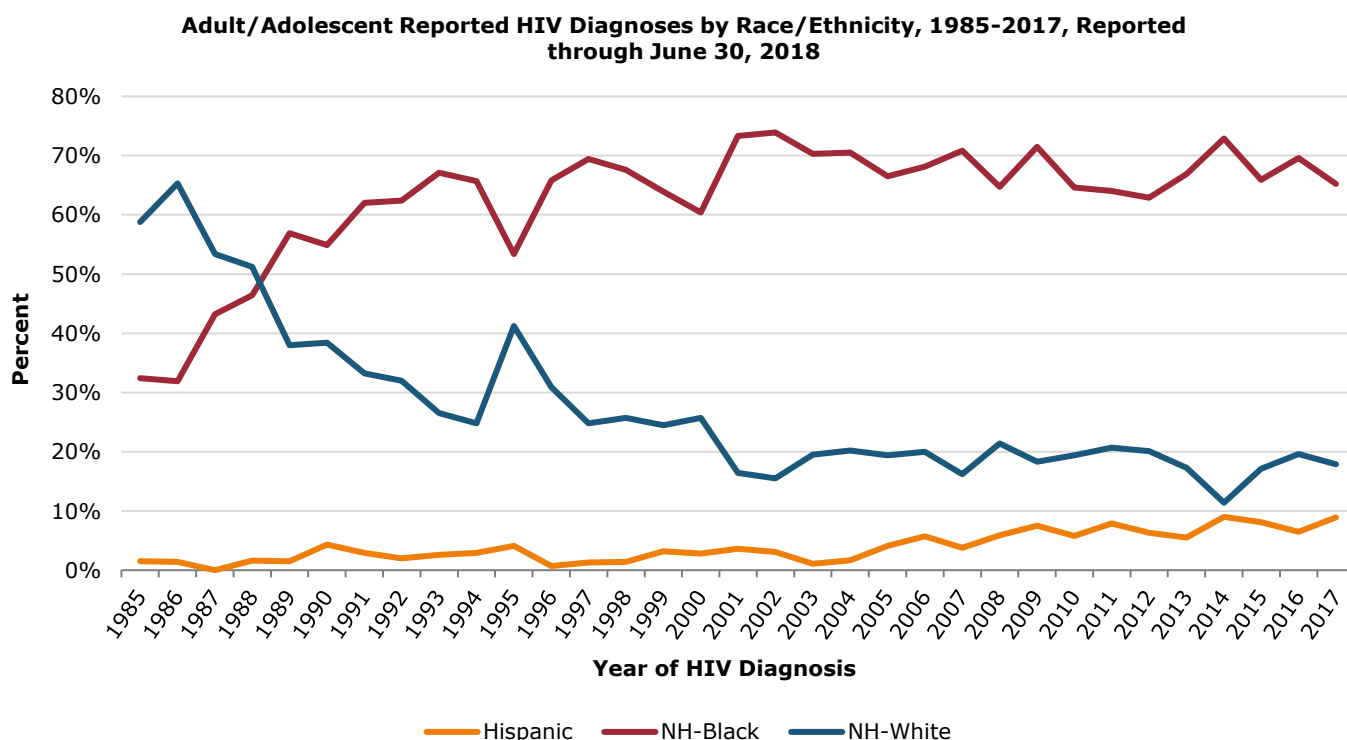
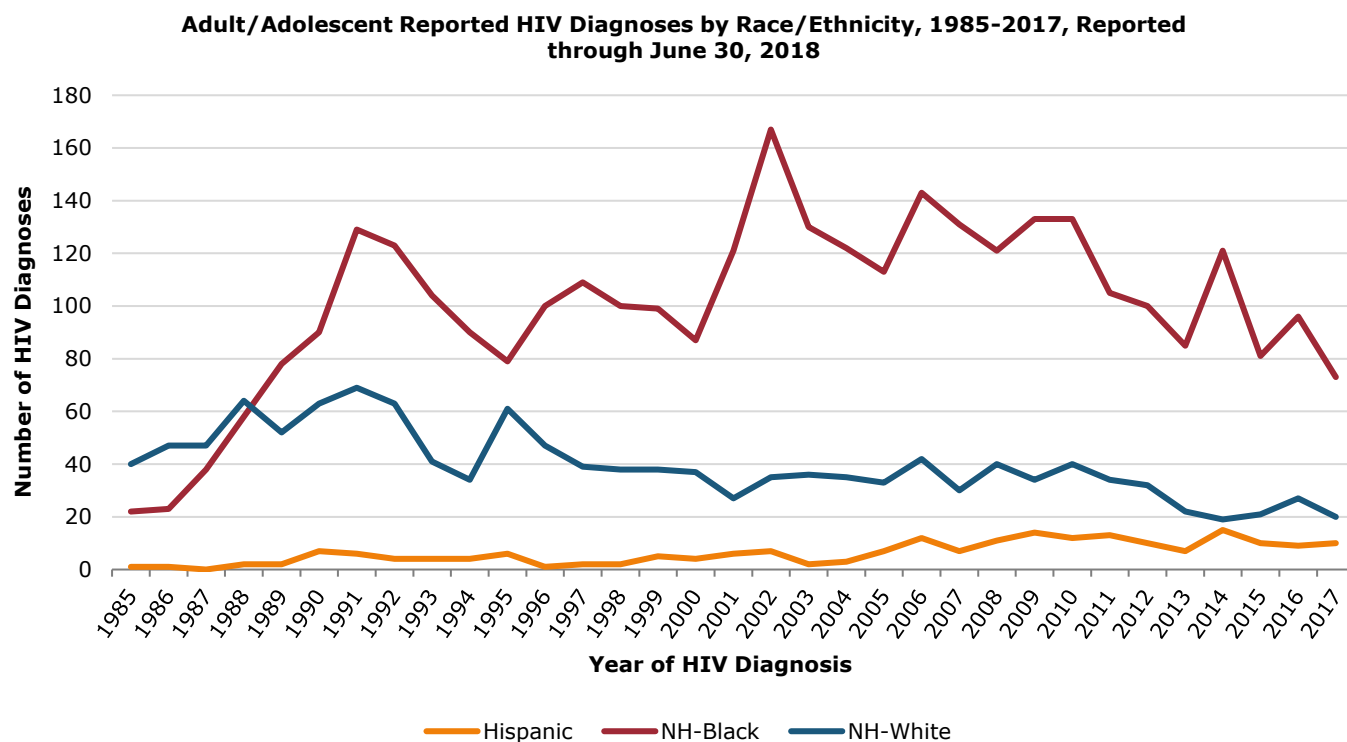


Adult/Adolescent Reported HIV Diagnoses

Year of HIV Diagnosis	No.	Sex at Birth			
		Male		Female	
		No.	%	No.	%
<1985	41	35	85.4%	6	14.6%
1985	68	58	85.3%	10	14.7%
1986	72	54	75.0%	18	25.0%
1987	88	75	85.2%	13	14.8%
1988	125	98	78.4%	27	21.6%
1989	137	104	75.9%	33	24.1%
1990	164	130	79.3%	34	20.7%
1991	208	153	73.6%	55	26.4%
1992	197	149	75.6%	48	24.4%
1993	155	114	73.5%	41	26.5%
1994	137	90	65.7%	47	34.3%
1995	148	103	69.6%	45	30.4%
1996	152	100	65.8%	52	34.2%
1997	157	100	63.7%	57	36.3%
1998	148	98	66.2%	50	33.8%
1999	155	107	69.0%	48	31.0%
2000	144	93	64.6%	51	35.4%
2001	165	114	69.1%	51	30.9%
2002	226	132	58.4%	94	41.6%
2003	185	112	60.5%	73	39.5%
2004	173	102	59.0%	71	41.0%
2005	170	111	65.3%	59	34.7%
2006	210	129	61.4%	81	38.6%
2007	185	120	64.9%	65	35.1%
2008	187	121	64.7%	66	35.3%
2009	186	118	63.4%	68	36.6%
2010	206	139	67.5%	67	32.5%
2011	164	107	65.2%	57	34.8%
2012	159	124	78.0%	35	22.0%
2013	127	96	75.6%	31	24.4%
2014	166	115	69.3%	51	30.7%
2015	123	82	66.7%	41	33.3%
2016	138	104	75.4%	34	24.6%
2017	112	72	64.3%	40	35.7%
Total	5,178	3,559	68.7%	1,619	31.3%

Figure 4 – Trends in Adult/Adolescent Reported HIV Diagnoses by Race/Ethnicity, among Residents at Diagnosis, 1985-2017, Reported through June 30, 2018

Number and Percent by Race/Ethnicity of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2017, as Reported through June 30, 2018

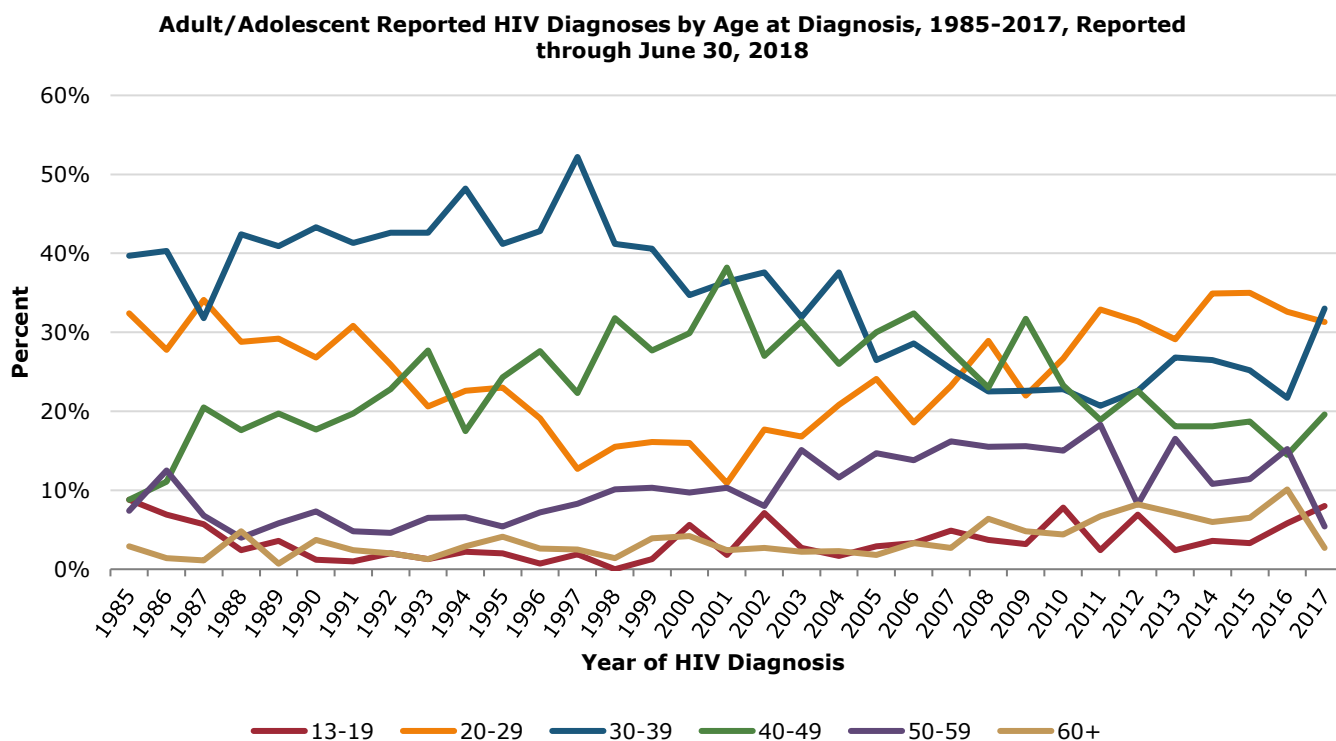
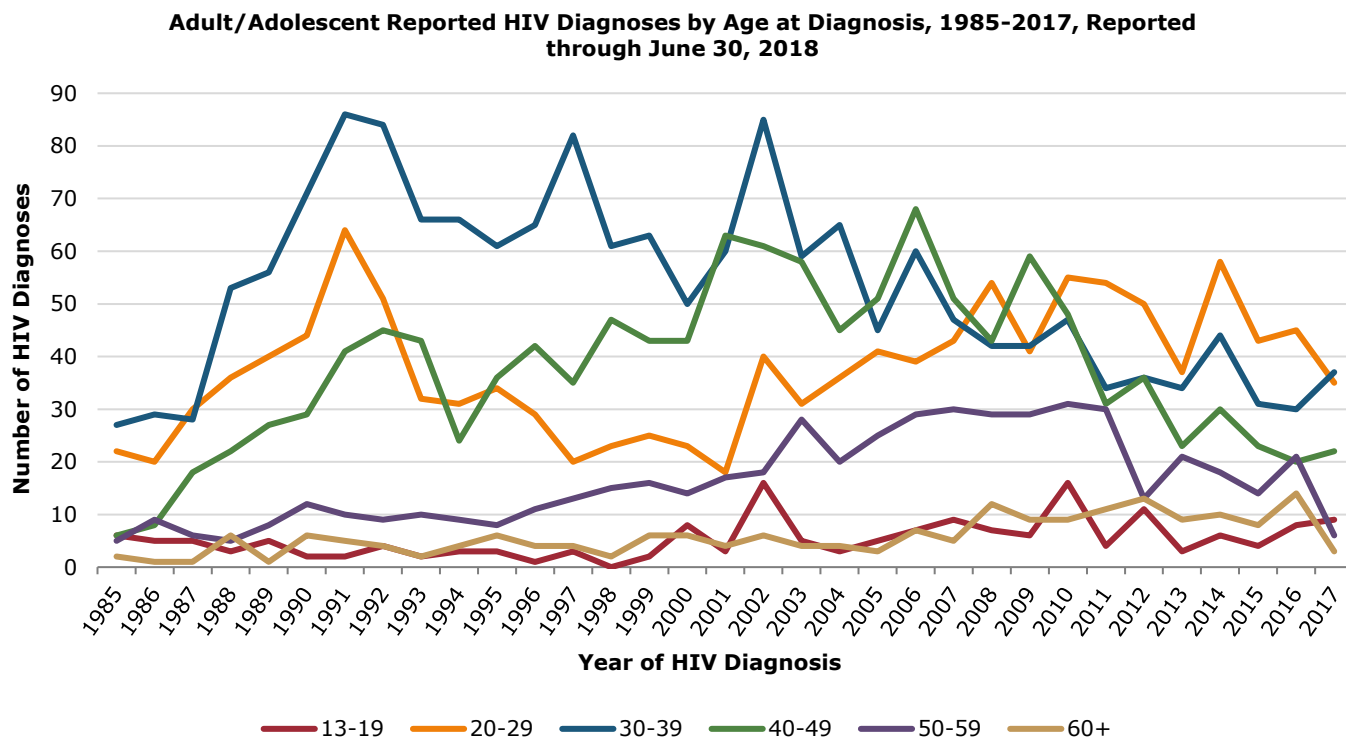


Non-Hispanic Other race not shown

Adult/Adolescent Reported HIV Diagnoses									
Year of HIV Diagnosis	No.	Race/Ethnicity							
		Hispanic		Non-Hispanic Black, only		Non-Hispanic White, only		Non-Hispanic Other Race	
		No.	%	No.	%	No.	%	No.	%
<1985	41	2	4.9%	19	46.3%	17	41.5%	3	7.3%
1985	68	1	1.5%	22	32.4%	40	58.8%	5	7.4%
1986	72	1	1.4%	23	31.9%	47	65.3%	1	1.4%
1987	88	0	0.0%	38	43.2%	47	53.4%	3	3.4%
1988	125	2	1.6%	58	46.4%	64	51.2%	1	0.8%
1989	137	2	1.5%	78	56.9%	52	38.0%	5	3.6%
1990	164	7	4.3%	90	54.9%	63	38.4%	4	2.4%
1991	208	6	2.9%	129	62.0%	69	33.2%	4	1.9%
1992	197	4	2.0%	123	62.4%	63	32.0%	7	3.6%
1993	155	4	2.6%	104	67.1%	41	26.5%	6	3.9%
1994	137	4	2.9%	90	65.7%	34	24.8%	9	6.6%
1995	148	6	4.1%	79	53.4%	61	41.2%	2	1.4%
1996	152	1	0.7%	100	65.8%	47	30.9%	4	2.6%
1997	157	2	1.3%	109	69.4%	39	24.8%	7	4.5%
1998	148	2	1.4%	100	67.6%	38	25.7%	8	5.4%
1999	155	5	3.2%	99	63.9%	38	24.5%	13	8.4%
2000	144	4	2.8%	87	60.4%	37	25.7%	16	11.1%
2001	165	6	3.6%	121	73.3%	27	16.4%	11	6.7%
2002	226	7	3.1%	167	73.9%	35	15.5%	17	7.5%
2003	185	2	1.1%	130	70.3%	36	19.5%	17	9.2%
2004	173	3	1.7%	122	70.5%	35	20.2%	13	7.5%
2005	170	7	4.1%	113	66.5%	33	19.4%	17	10.0%
2006	210	12	5.7%	143	68.1%	42	20.0%	13	6.2%
2007	185	7	3.8%	131	70.8%	30	16.2%	17	9.2%
2008	187	11	5.9%	121	64.7%	40	21.4%	15	8.0%
2009	186	14	7.5%	133	71.5%	34	18.3%	5	2.7%
2010	206	12	5.8%	133	64.6%	40	19.4%	21	10.2%
2011	164	13	7.9%	105	64.0%	34	20.7%	12	7.3%
2012	159	10	6.3%	100	62.9%	32	20.1%	17	10.7%
2013	127	7	5.5%	85	66.9%	22	17.3%	13	10.2%
2014	166	15	9.0%	121	72.9%	19	11.4%	11	6.6%
2015	123	10	8.1%	81	65.9%	21	17.1%	11	8.9%
2016	138	9	6.5%	96	69.6%	27	19.6%	6	4.3%
2017	112	10	8.9%	73	65.2%	20	17.9%	9	8.0%
Total	5,178	208	4.0%	3,323	64.2%	1,324	25.6%	323	6.2%

Figure 5 – Trends in Adult/Adolescent Reported HIV Diagnoses by Age at Diagnosis, among Residents at Diagnosis, 1985-2017, Reported through June 30, 2018

Number and Percent by Age at HIV Diagnosis of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2017, as Reported through June 30, 2018

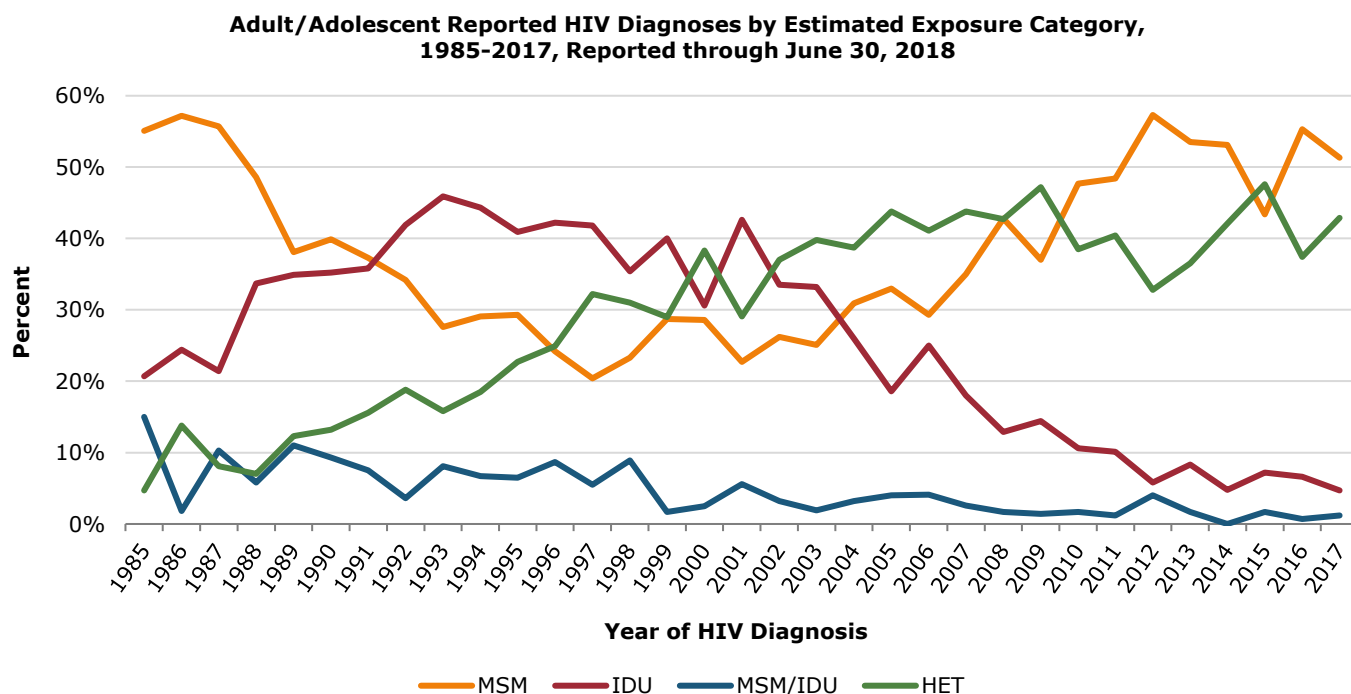
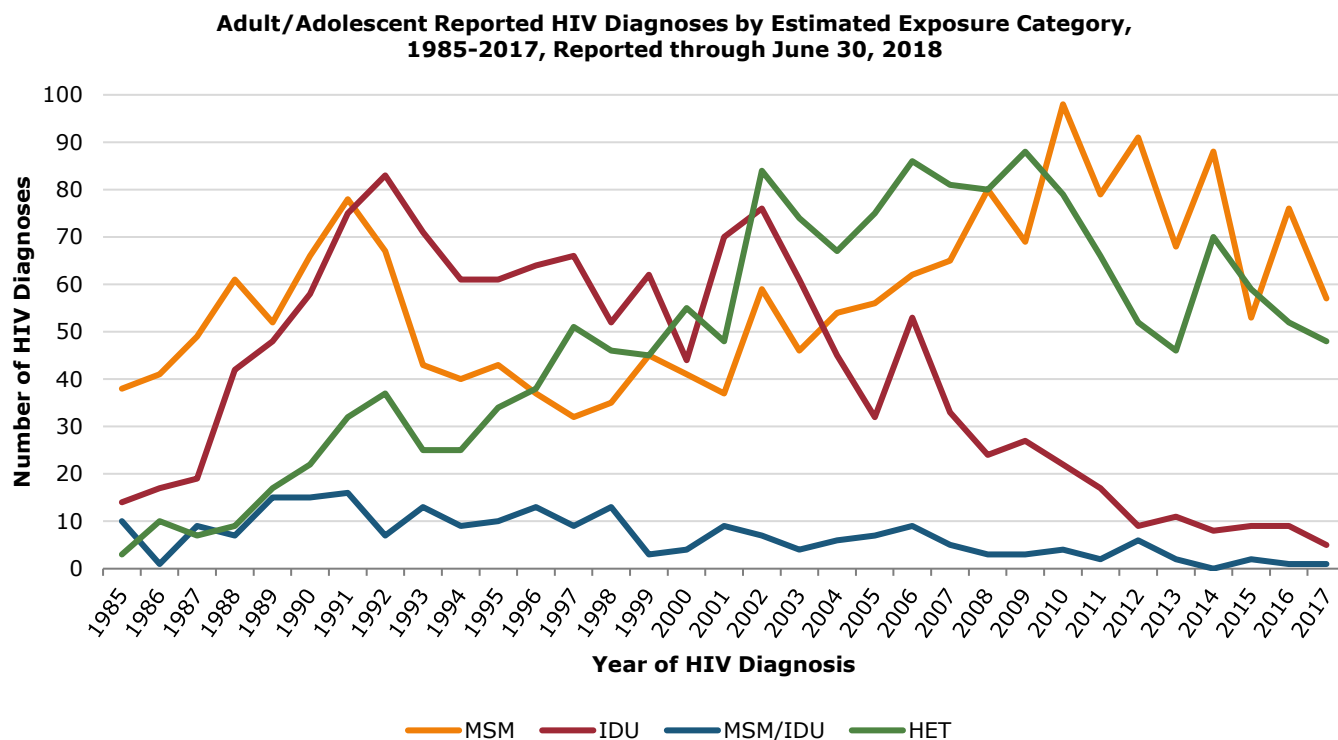


Adult/Adolescent Reported HIV Diagnoses

Year of HIV Diagnosis	No.	Age at HIV Diagnosis											
		Age 13-19		Age 20-29		Age 30-39		Age 40-49		Age 50-59		Age 60+	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
<1985	41	5	12.2%	18	43.9%	8	19.5%	7	17.1%	3	7.3%	0	0.0%
1985	68	6	8.8%	22	32.4%	27	39.7%	6	8.8%	5	7.4%	2	2.9%
1986	72	5	6.9%	20	27.8%	29	40.3%	8	11.1%	9	12.5%	1	1.4%
1987	88	5	5.7%	30	34.1%	28	31.8%	18	20.5%	6	6.8%	1	1.1%
1988	125	3	2.4%	36	28.8%	53	42.4%	22	17.6%	5	4.0%	6	4.8%
1989	137	5	3.6%	40	29.2%	56	40.9%	27	19.7%	8	5.8%	1	0.7%
1990	164	2	1.2%	44	26.8%	71	43.3%	29	17.7%	12	7.3%	6	3.7%
1991	208	2	1.0%	64	30.8%	86	41.3%	41	19.7%	10	4.8%	5	2.4%
1992	197	4	2.0%	51	25.9%	84	42.6%	45	22.8%	9	4.6%	4	2.0%
1993	155	2	1.3%	32	20.6%	66	42.6%	43	27.7%	10	6.5%	2	1.3%
1994	137	3	2.2%	31	22.6%	66	48.2%	24	17.5%	9	6.6%	4	2.9%
1995	148	3	2.0%	34	23.0%	61	41.2%	36	24.3%	8	5.4%	6	4.1%
1996	152	1	0.7%	29	19.1%	65	42.8%	42	27.6%	11	7.2%	4	2.6%
1997	157	3	1.9%	20	12.7%	82	52.2%	35	22.3%	13	8.3%	4	2.5%
1998	148	0	0.0%	23	15.5%	61	41.2%	47	31.8%	15	10.1%	2	1.4%
1999	155	2	1.3%	25	16.1%	63	40.6%	43	27.7%	16	10.3%	6	3.9%
2000	144	8	5.6%	23	16.0%	50	34.7%	43	29.9%	14	9.7%	6	4.2%
2001	165	3	1.8%	18	10.9%	60	36.4%	63	38.2%	17	10.3%	4	2.4%
2002	226	16	7.1%	40	17.7%	85	37.6%	61	27.0%	18	8.0%	6	2.7%
2003	185	5	2.7%	31	16.8%	59	31.9%	58	31.4%	28	15.1%	4	2.2%
2004	173	3	1.7%	36	20.8%	65	37.6%	45	26.0%	20	11.6%	4	2.3%
2005	170	5	2.9%	41	24.1%	45	26.5%	51	30.0%	25	14.7%	3	1.8%
2006	210	7	3.3%	39	18.6%	60	28.6%	68	32.4%	29	13.8%	7	3.3%
2007	185	9	4.9%	43	23.2%	47	25.4%	51	27.6%	30	16.2%	5	2.7%
2008	187	7	3.7%	54	28.9%	42	22.5%	43	23.0%	29	15.5%	12	6.4%
2009	186	6	3.2%	41	22.0%	42	22.6%	59	31.7%	29	15.6%	9	4.8%
2010	206	16	7.8%	55	26.7%	47	22.8%	48	23.3%	31	15.0%	9	4.4%
2011	164	4	2.4%	54	32.9%	34	20.7%	31	18.9%	30	18.3%	11	6.7%
2012	159	11	6.9%	50	31.4%	36	22.6%	36	22.6%	13	8.2%	13	8.2%
2013	127	3	2.4%	37	29.1%	34	26.8%	23	18.1%	21	16.5%	9	7.1%
2014	166	6	3.6%	58	34.9%	44	26.5%	30	18.1%	18	10.8%	10	6.0%
2015	123	4	3.3%	43	35.0%	31	25.2%	23	18.7%	14	11.4%	8	6.5%
2016	138	8	5.8%	45	32.6%	30	21.7%	20	14.5%	21	15.2%	14	10.1%
2017	112	9	8.0%	35	31.3%	37	33.0%	22	19.6%	6	5.4%	3	2.7%
Total	5,178	181	3.5%	1,262	24.4%	1,754	33.9%	1,248	24.1%	542	10.5%	191	3.7%

Figure 6 – Trends in Adult/Adolescent Reported HIV Diagnoses by Estimated Exposure Category, among Residents at Diagnosis, 1985-2017, Reported through June 30, 2018

Number and Percent by Estimated Exposure Category[§] of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2017, as Reported through June 30, 2018



Other exposure category not shown

§ Multiple imputation was used to estimate and adjust for missing transmission category.

Adult/Adolescent Reported HIV Diagnoses												
Year of HIV Diagnosis	No.	% with No Reported Exposure ^y	Estimated Exposure Category [§]									
			MSM		IDU		MSM/IDU		HET		Other Exposure	
			No.	%	No.	%	No.	%	No.	%	No.	%
<1985	41	0.0%	21	51.2%	10	24.4%	5	12.2%	2	4.9%	3	7.3%
1985	68	4.4%	38	55.1%	14	20.7%	10	15.0%	3	4.7%	3	4.4%
1986	72	11.1%	41	57.2%	17	24.4%	1	1.8%	10	13.8%	2	2.8%
1987	88	2.3%	49	55.7%	19	21.4%	9	10.3%	7	8.1%	4	4.5%
1988	125	5.6%	61	48.6%	42	33.7%	7	5.8%	9	7.0%	6	4.8%
1989	137	2.9%	52	38.1%	48	34.9%	15	11.0%	17	12.3%	5	3.6%
1990	164	4.3%	66	39.9%	58	35.2%	15	9.3%	22	13.2%	4	2.4%
1991	208	4.8%	78	37.3%	75	35.8%	16	7.5%	32	15.6%	8	3.8%
1992	197	4.6%	67	34.2%	83	41.9%	7	3.6%	37	18.8%	3	1.5%
1993	155	5.2%	43	27.6%	71	45.9%	13	8.1%	25	15.8%	4	2.6%
1994	137	4.4%	40	29.1%	61	44.3%	9	6.7%	25	18.5%	2	1.5%
1995	148	8.1%	43	29.3%	61	40.9%	10	6.5%	34	22.7%	1	0.7%
1996	152	7.2%	37	24.2%	64	42.2%	13	8.7%	38	24.9%	0	0.0%
1997	157	5.1%	32	20.4%	66	41.8%	9	5.5%	51	32.2%	0	0.0%
1998	148	4.1%	35	23.3%	52	35.4%	13	8.9%	46	31.0%	2	1.4%
1999	155	9.0%	45	28.7%	62	40.0%	3	1.7%	45	29.0%	1	0.6%
2000	144	9.0%	41	28.6%	44	30.6%	4	2.5%	55	38.3%	0	0.0%
2001	165	9.1%	37	22.7%	70	42.6%	9	5.6%	48	29.1%	0	0.0%
2002	226	14.2%	59	26.2%	76	33.5%	7	3.2%	84	37.0%	0	0.0%
2003	185	8.1%	46	25.1%	61	33.2%	4	1.9%	74	39.8%	0	0.0%
2004	173	8.7%	54	30.9%	45	26.0%	6	3.2%	67	38.7%	2	1.2%
2005	170	12.9%	56	33.0%	32	18.6%	7	4.0%	75	43.8%	1	0.6%
2006	210	12.4%	62	29.3%	53	25.0%	9	4.1%	86	41.1%	1	0.5%
2007	185	17.8%	65	35.0%	33	18.0%	5	2.6%	81	43.8%	1	0.5%
2008	187	36.9%	80	42.8%	24	12.9%	3	1.7%	80	42.7%	0	0.0%
2009	186	20.4%	69	37.0%	27	14.4%	3	1.4%	88	47.2%	0	0.0%
2010	206	31.6%	98	47.7%	22	10.6%	4	1.7%	79	38.5%	3	1.5%
2011	164	33.5%	79	48.4%	17	10.1%	2	1.2%	66	40.4%	0	0.0%
2012	159	17.0%	91	57.3%	9	5.8%	6	4.0%	52	32.8%	0	0.0%
2013	127	10.2%	68	53.5%	11	8.3%	2	1.7%	46	36.5%	0	0.0%
2014	166	6.6%	88	53.1%	8	4.8%	0	0.0%	70	42.1%	0	0.0%
2015	123	7.3%	53	43.4%	9	7.2%	2	1.7%	59	47.6%	0	0.0%
2016	138	15.2%	76	55.3%	9	6.6%	1	0.7%	52	37.4%	0	0.0%
2017	112	13.4%	57	51.3%	5	4.7%	1	1.2%	48	42.9%	0	0.0%
Total	5,178	11.8%	1,926	37.2%	1,356	26.2%	228	4.4%	1,611	31.1%	56	1.1%

§ Multiple imputation was used to estimate and adjust for missing transmission category

^yPercent with no reported exposure prior to multiple imputation adjustment

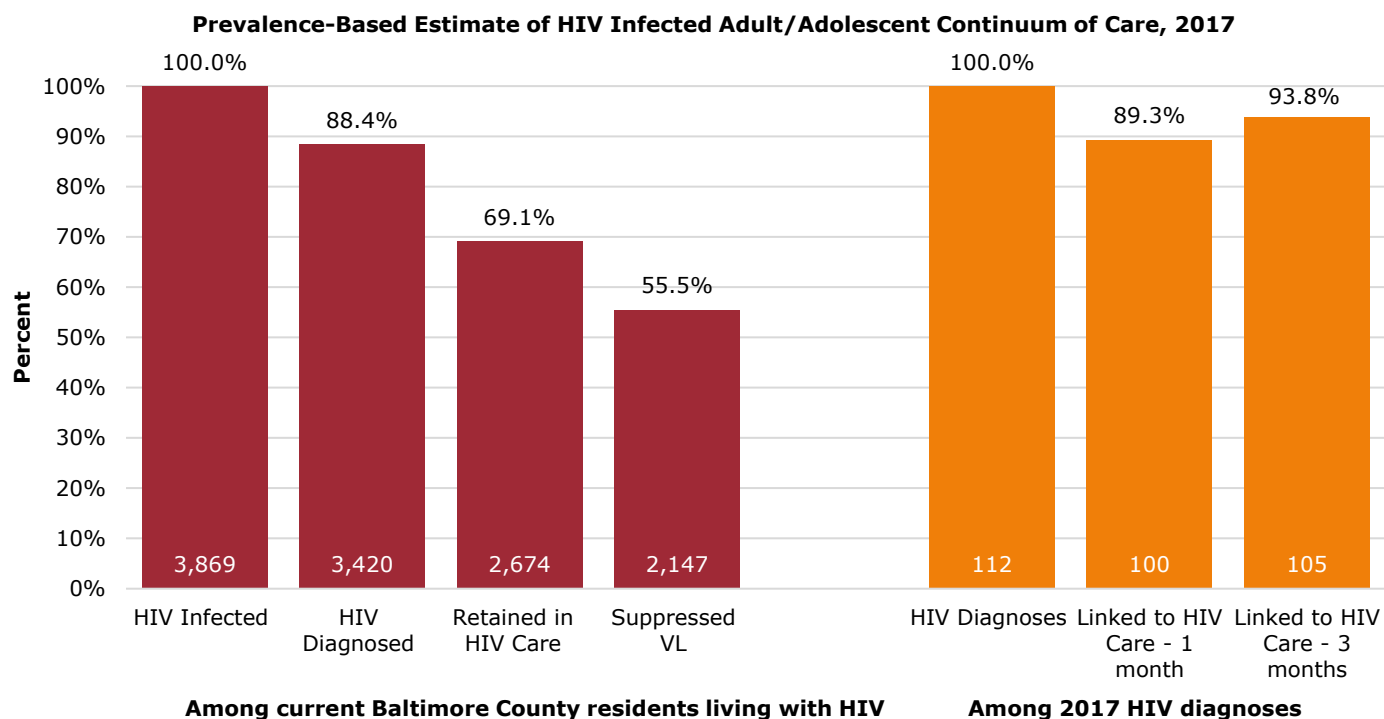
Note. Discrepancies in the table between total HIV diagnoses and the sums by exposure category are due to less than 1 percent of cases missing transmission category after multiple imputation

Section III – Continuum of Care Cascades

In their 2011 article in Clinical Infectious Diseases, Gardner et al.¹ utilize a continuum of care “cascade” to illustrate estimates of the number of persons living with HIV who belong to each of the stages of engagement in HIV care.

Figure 7 – Prevalence-Based Estimated Adult/Adolescent 2017 HIV Continuum of Care Cascades, Current Baltimore County Residents, Reported through June 30, 2018

The prevalence-based Baltimore County Engagement in HIV Care Cascade (below) applies the Centers for Disease Control and Prevention (CDC) CD4 depletion model to Maryland surveillance data, reported through June 30, 2018, to estimate the number of people living with undiagnosed HIV (11.6 percent) and the estimated number of HIV infected persons currently residing in Maryland. Maryland surveillance data is then used to describe the number and percentage of persons living with HIV in Baltimore County on December 31, 2017 and the number and percentage of new HIV diagnoses in 2017 who belong to each of the stages of engagement in HIV care.



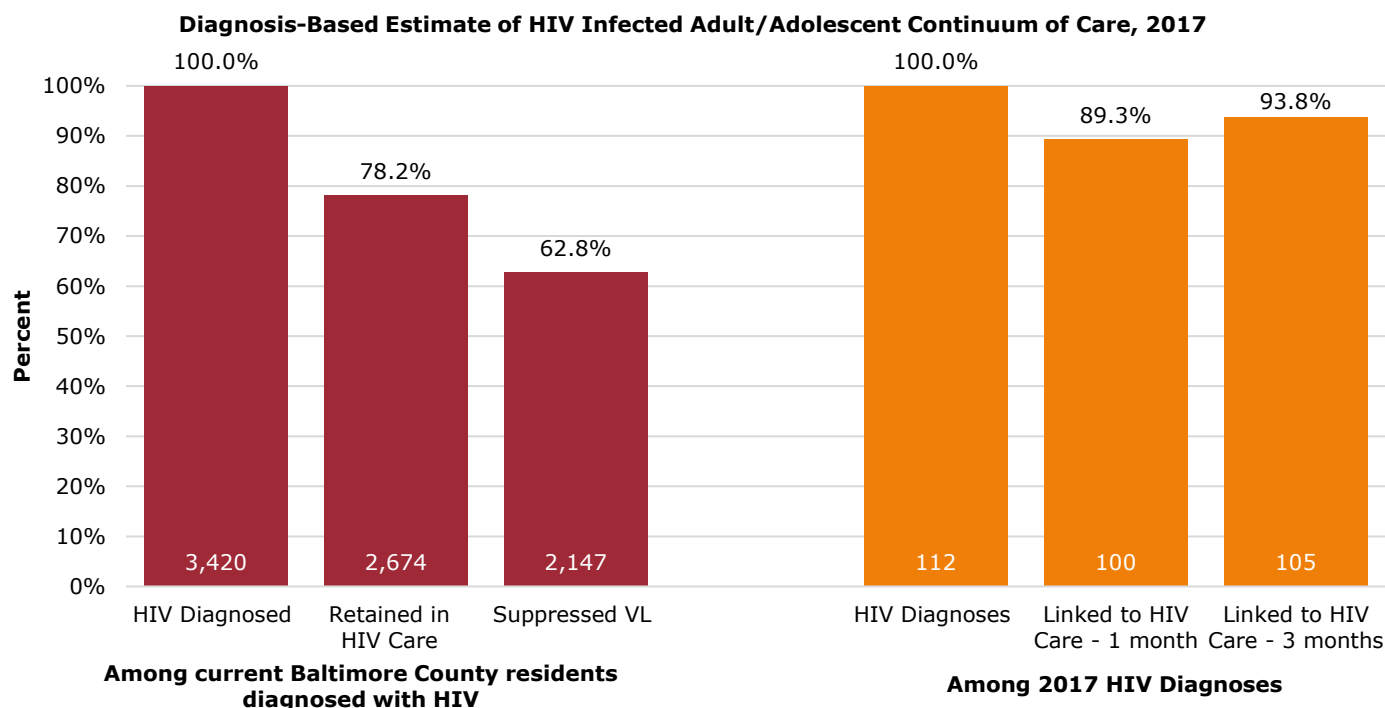
Continuum of Care Stage	Living HIV Cases		Continuum of Care Stage	New Diagnoses	
	Number	Percentage		Number	Percentage
HIV Infected	3,869	100.0%	New HIV Diagnoses	112	100.0%
HIV Diagnosed	3,420	88.4%	Linked to HIV Care – 1 Month	100	89.3%
Retained in HIV Care	2,674	69.1%	Linked to HIV Care – 3 Months	105	93.8%
Suppressed VL	2,147	55.5%			

¹ Gardner et al, “The Spectrum of Engagement in HIV Care and its Relevance to Test-and-Treat Strategies for Prevention of HIV Infection.” Clin Infect Dis. 2011; 52 (6): 793-800.

² Centers for Disease Control and Prevention. Estimated HIV incidence and prevalence in the United States, 2010–2015. HIV Surveillance Supplemental Report 2018;23(No. 1). <http://www.cdc.gov/hiv/library/reports/hiv-surveillance.html>. Published March 2018.

Figure 8 – Diagnosis-Based Estimated Adult/Adolescent 2017 HIV Continuum of Care Cascades, Current Baltimore County Residents, Reported through June 30, 2018

The diagnosis-based Baltimore County Engagement in HIV Care Cascade (below) uses Maryland surveillance data for current Baltimore County residents to describe the number and percentage of persons living with HIV in Baltimore County on December 31, 2017 and the number and percentage of new HIV diagnoses in 2017 who belong to each of the stages of engagement in HIV care.



Continuum of Care Stage	Living HIV Cases		Continuum of Care Stage	New Diagnoses	
	Number	Percentage		Number	Percentage
HIV Diagnosed	3,420	100.0%	New HIV Diagnoses	112	100.0%
Retained in HIV Care	2,674	78.2%	Linked to HIV Care – 1 Month	100	89.3%
Suppressed VL	2,147	62.8%	Linked to HIV Care – 3 Months	105	93.8%

Section IV – Adult/Adolescent Cases by Jurisdiction

Table 1 – Adult/Adolescent HIV Diagnoses during 2017, Linked to Care, Late Diagnosis, and First CD4 Test Result by Jurisdiction of Residence at HIV Diagnosis, Reported through June 30, 2018

Jurisdiction of Residence at HIV Diagnosis	Population Age 13+	Adult/Adolescent Reported HIV Diagnoses							
		No.	% of Total	Rate	Linked to Care		Late HIV Diagnoses	First CD4 Test Result	
					% 1 mo.	% 3 mo.		%	Median Count
21013	2,832	0	0.0%	0.0	--	--	--	--	--
21030	21,457	4	3.6%	18.6	***	***	***	***	***
21031	3	0	0.0%	0.0	--	--	--	--	--
21043	796	0	0.0%	0.0	--	--	--	--	--
21051	251	0	0.0%	0.0	--	--	--	--	--
21052	280	0	0.0%	0.0	--	--	--	--	--
21053	2,860	0	0.0%	0.0	--	--	--	--	--
21057	3,725	0	0.0%	0.0	--	--	--	--	--
21071	451	0	0.0%	0.0	--	--	--	--	--
21074	1,229	0	0.0%	0.0	--	--	--	--	--
21082	552	0	0.0%	0.0	--	--	--	--	--
21085	23	0	0.0%	0.0	--	--	--	--	--
21087	4,216	0	0.0%	0.0	--	--	--	--	--
21093	32,476	1	0.9%	3.1	***	***	***	***	***
21102	869	0	0.0%	0.0	--	--	--	--	--
21104	141	0	0.0%	0.0	--	--	--	--	--
21105	60	0	0.0%	0.0	--	--	--	--	--
21111	3,395	0	0.0%	0.0	--	--	--	--	--
21117	46,363	8	7.1%	17.3	87.5%	100.0%	***	100.0%	198
21120	6,053	1	0.9%	16.5	***	***	***	***	***
21128	10,872	0	0.0%	0.0	--	--	--	--	--
21131	6,228	1	0.9%	16.1	***	***	***	***	***
21133	25,773	8	7.1%	31.0	100.0%	100.0%	***	100.0%	439
21136	28,035	2	1.8%	7.1	***	***	***	***	***
21152	4,790	0	0.0%	0.0	--	--	--	--	--
21153	271	0	0.0%	0.0	--	--	--	--	--
21155	1,848	0	0.0%	0.0	--	--	--	--	--
21156	330	0	0.0%	0.0	--	--	--	--	--
21161	2,386	0	0.0%	0.0	--	--	--	--	--
21162	3,156	0	0.0%	0.0	--	--	--	--	--
21163	2,371	2	1.8%	84.3	***	***	***	***	***
21204	18,883	1	0.9%	5.3	***	***	***	***	***
21206	8,987	1	0.9%	11.1	***	***	***	***	***
21207	29,407	12	10.7%	40.8	100.0%	100.0%	***	100.0%	376
21208	28,693	5	4.5%	17.4	***	***	***	***	***
21209	12,023	2	1.8%	16.6	***	***	***	***	***
21210	871	0	0.0%	0.0	--	--	--	--	--
21212	8,933	0	0.0%	0.0	--	--	--	--	--
21215	1,514	4	3.6%	264.1	***	***	***	***	***
21219	8,346	0	0.0%	0.0	--	--	--	--	--
21220	33,657	3	2.7%	8.9	***	***	***	***	***
21221	36,286	8	7.1%	22.0	87.5%	100.0%	***	62.5%	326

21222	46,709	4	3.6%	8.6	***	***	***	***	***
21224	7,455	1	0.9%	13.4	***	***	***	***	***
21227	27,940	5	4.5%	17.9	100.0%	100.0%	0.0%	100.0%	416
21228	41,959	4	3.6%	9.5	***	***	***	***	***
21229	6,092	1	0.9%	16.4	***	***	***	***	***
21234	54,509	7	6.3%	12.8	85.7%	100.0%	***	100.0%	151
21236	33,488	3	2.7%	9.0	***	***	***	***	***
21237	26,006	7	6.3%	26.9	100.0%	100.0%	0.0%	100.0%	433
21239	4,444	1	0.9%	22.5	***	***	***	***	***
21244	29,076	15	13.4%	51.6	86.7%	86.7%	33.3%	93.3%	335
21250	3,313	0	0.0%	0.0	--	--	--	--	--
21252	2,969	0	0.0%	0.0	--	--	--	--	--
21286	17,542	1	0.9%	5.7	***	***	***	***	***
Total	703,196	112	100.0%	15.9	89.3%	93.8%	23.2%	92.9%	362

*** Data withheld due to low population counts and/or case counts

Table 2 – Adult/Adolescent AIDS Diagnoses during 2017, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Jurisdiction of Residence at AIDS Diagnosis, Reported through June 30, 2018

Jurisdiction of Residence at AIDS Diagnosis	Population Age 13+	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
21013	2,832	0	0.0%	0.0	--	--
21030	21,457	3	5.0%	14.0	***	***
21031	3	0	0.0%	0.0	--	--
21043	796	0	0.0%	0.0	--	--
21051	251	0	0.0%	0.0	--	--
21052	280	0	0.0%	0.0	--	--
21053	2,860	0	0.0%	0.0	--	--
21057	3,725	0	0.0%	0.0	--	--
21071	451	0	0.0%	0.0	--	--
21074	1,229	0	0.0%	0.0	--	--
21082	552	0	0.0%	0.0	--	--
21085	23	0	0.0%	0.0	--	--
21087	4,216	0	0.0%	0.0	--	--
21093	32,476	0	0.0%	0.0	--	--
21102	869	0	0.0%	0.0	--	--
21104	141	0	0.0%	0.0	--	--
21105	60	0	0.0%	0.0	--	--
21111	3,395	0	0.0%	0.0	--	--
21117	46,363	5	8.3%	10.8	0.6	80.0%
21120	6,053	0	0.0%	0.0	--	--
21128	10,872	1	1.7%	9.2	***	***
21131	6,228	1	1.7%	16.1	***	***
21133	25,773	4	6.7%	15.5	***	***
21136	28,035	0	0.0%	0.0	--	--
21152	4,790	0	0.0%	0.0	--	--
21153	271	0	0.0%	0.0	--	--
21155	1,848	0	0.0%	0.0	--	--
21156	330	0	0.0%	0.0	--	--
21161	2,386	1	1.7%	41.9	***	***
21162	3,156	0	0.0%	0.0	--	--
21163	2,371	0	0.0%	0.0	--	--
21204	18,883	0	0.0%	0.0	--	--
21206	8,987	1	1.7%	11.1	***	***
21207	29,407	3	5.0%	10.2	***	***
21208	28,693	1	1.7%	3.5	***	***
21209	12,023	0	0.0%	0.0	--	--
21210	871	0	0.0%	0.0	--	--
21212	8,933	0	0.0%	0.0	--	--
21215	1,514	0	0.0%	0.0	--	--
21219	8,346	0	0.0%	0.0	--	--
21220	33,657	3	5.0%	8.9	***	***
21221	36,286	5	8.3%	13.8	6.3	20.0%
21222	46,709	4	6.7%	8.6	***	***
21224	7,455	0	0.0%	0.0	--	--

21227	27,940	1	1.7%	3.6	***	***
21228	41,959	3	5.0%	7.1	***	***
21229	6,092	4	6.7%	65.7	***	***
21234	54,509	6	10.0%	11.0	5.1	66.7%
21236	33,488	1	1.7%	3.0	***	***
21237	26,006	3	5.0%	11.5	***	***
21239	4,444	2	3.3%	45.0	***	***
21244	29,076	8	13.3%	27.5	6.7	75.0%
21250	3,313	0	0.0%	0.0	--	--
21252	2,969	0	0.0%	0.0	--	--
21286	17,542	0	0.0%	0.0	--	--
Total	703,196	60	100.0%	8.5	4.8	55.0%

*** Data withheld due to low population counts and/or case counts

Table 3 – Adult/Adolescent HIV Cases Alive on December 31, 2017, by Jurisdiction of Residence at Diagnosis, Reported through June 30, 2018

Jurisdiction of Residence at Diagnosis	Population Age 13+	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	% of Total	Rate	No.	% of Total	Rate	No.	% of Total	Rate	Ratio (1 in X)
21013	2,832	0	0.0%	0.0	1	0.1%	35.3	1	0.0%	35.3	--
21030	21,457	25	1.7%	116.5	43	2.7%	200.4	68	2.2%	316.9	315
21031	3	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	--
21043	796	3	0.2%	376.9	0	0.0%	0.0	3	0.1%	376.9	265
21051	251	0	0.0%	0.0	1	0.1%	398.1	1	0.0%	398.1	251
21052	280	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	--
21053	2,860	1	0.1%	35.0	3	0.2%	104.9	4	0.1%	139.8	715
21057	3,725	1	0.1%	26.8	0	0.0%	0.0	1	0.0%	26.8	3,725
21071	451	1	0.1%	221.9	1	0.1%	221.9	2	0.1%	443.8	225
21074	1,229	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	--
21082	552	0	0.0%	0.0	1	0.1%	181.2	1	0.0%	181.2	551
21085	23	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	--
21087	4,216	2	0.1%	47.4	1	0.1%	23.7	3	0.1%	71.1	1,405
21093	32,476	18	1.2%	55.4	22	1.4%	67.7	40	1.3%	123.2	811
21102	869	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	--
21104	141	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	--
21105	60	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	--
21111	3,395	2	0.1%	58.9	2	0.1%	58.9	4	0.1%	117.8	848
21117	46,363	104	7.2%	224.3	106	6.6%	228.6	210	6.9%	453.0	220
21120	6,053	3	0.2%	49.6	4	0.2%	66.1	7	0.2%	115.6	864
21128	10,872	4	0.3%	36.8	8	0.5%	73.6	12	0.4%	110.4	906
21131	6,228	3	0.2%	48.2	2	0.1%	32.1	5	0.2%	80.3	1,245
21133	25,773	123	8.5%	477.2	132	8.2%	512.2	255	8.3%	989.4	101
21136	28,035	53	3.6%	189.0	40	2.5%	142.7	93	3.0%	331.7	301
21152	4,790	2	0.1%	41.8	5	0.3%	104.4	7	0.2%	146.1	684
21153	271	0	0.0%	0.0	2	0.1%	738.5	2	0.1%	738.5	135
21155	1,848	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	--
21156	330	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	--
21161	2,386	0	0.0%	0.0	2	0.1%	83.8	2	0.1%	83.8	1,192
21162	3,156	3	0.2%	95.1	1	0.1%	31.7	4	0.1%	126.7	788
21163	2,371	10	0.7%	421.7	2	0.1%	84.3	12	0.4%	506.0	197
21204	18,883	19	1.3%	100.6	21	1.3%	111.2	40	1.3%	211.8	472
21206	8,987	16	1.1%	178.0	23	1.4%	255.9	39	1.3%	434.0	230
21207	29,407	126	8.7%	428.5	156	9.7%	530.5	282	9.2%	959.0	104
21208	28,693	69	4.7%	240.5	74	4.6%	257.9	143	4.7%	498.4	200
21209	12,023	18	1.2%	149.7	15	0.9%	124.8	33	1.1%	274.5	364
21210	871	0	0.0%	0.0	1	0.1%	114.8	1	0.0%	114.8	871
21212	8,933	10	0.7%	111.9	8	0.5%	89.6	18	0.6%	201.5	496
21215	1,514	14	1.0%	924.5	14	0.9%	924.5	28	0.9%	1,848.9	54
21219	8,346	7	0.5%	83.9	14	0.9%	167.7	21	0.7%	251.6	397
21220	33,657	61	4.2%	181.2	60	3.7%	178.3	121	3.9%	359.5	278
21221	36,286	99	6.8%	272.8	112	7.0%	308.7	211	6.9%	581.5	171
21222	46,709	85	5.8%	182.0	112	7.0%	239.8	197	6.4%	421.8	237
21224	7,455	10	0.7%	134.1	13	0.8%	174.4	23	0.8%	308.5	324
21227	27,940	50	3.4%	179.0	68	4.2%	243.4	118	3.8%	422.3	236
21228	41,959	46	3.2%	109.6	82	5.1%	195.4	128	4.2%	305.1	327

21229	6,092	22	1.5%	361.2	24	1.5%	394.0	46	1.5%	755.1	132
21234	54,509	119	8.2%	218.3	111	6.9%	203.6	230	7.5%	421.9	236
21236	33,488	44	3.0%	131.4	38	2.4%	113.5	82	2.7%	244.9	408
21237	26,006	60	4.1%	230.7	69	4.3%	265.3	129	4.2%	496.0	201
21239	4,444	19	1.3%	427.6	11	0.7%	247.5	30	1.0%	675.1	148
21244	29,076	158	10.9%	543.4	167	10.4%	574.4	325	10.6%	1,117.8	89
21250	3,313	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	--
21252	2,969	1	0.1%	33.7	0	0.0%	0.0	1	0.0%	33.7	2,968
21286	17,542	27	1.9%	153.9	25	1.6%	142.5	52	1.7%	296.4	337
Unknown	--	16	1.1%	--	14	0.9%	--	30	1.0%	--	--
Total	703,196	1,454	100.0%	206.8	1,611	100.0%	229.1	3,065	100.0%	435.9	229

Table 4 – Adult/Adolescent HIV Cases Alive on December 31, 2017, by Jurisdiction of Residence at Diagnosis and Current Residence, Reported through June 30, 2018

Jurisdiction of Residence	Population Age 13+	Adult/Adolescent Total Living HIV Cases								
		Residence at Diagnosis				Current Residence				% Change
		No.	% of Total	Rate	Ratio (1 in X)	No.	% of Total	Rate	Ratio (1 in X)	
21013	2,832	1	0.0%	35.3	2,832	2	0.1%	70.6	1,416	100.0%
21030	21,457	68	2.2%	316.9	315	81	2.4%	377.5	264	19.1%
21031	3	0	0.0%	0.0	--	***	***	***	***	***
21043	796	***	***	***	***	***	***	***	***	***
21051	251	***	***	***	***	***	***	***	***	***
21052	280	0	0.0%	0.0	--	0	0.0%	0.0	--	--
21053	2,860	4	0.1%	139.8	715	4	0.1%	139.8	715	0.0%
21057	3,725	1	0.0%	26.8	3,725	1	0.0%	26.8	3,725	0.0%
21071	451	***	***	***	***	***	***	***	***	***
21074	1,229	0	0.0%	0.0	--	0	0.0%	0.0	--	--
21082	552	***	***	***	***	0	0.0%	0.0	--	***
21085	23	0	0.0%	0.0	--	0	0.0%	0.0	--	--
21087	4,216	3	0.1%	71.1	1,405	5	0.1%	118.6	843	66.7%
21093	32,476	40	1.3%	123.2	811	37	1.1%	113.9	877	-7.5%
21102	869	0	0.0%	0.0	--	0	0.0%	0.0	--	--
21104	141	0	0.0%	0.0	--	***	***	***	***	***
21105	60	0	0.0%	0.0	--	0	0.0%	0.0	--	--
21111	3,395	4	0.1%	117.8	848	5	0.1%	147.3	678	25.0%
21117	46,363	210	6.9%	453.0	220	257	7.5%	554.3	180	22.4%
21120	6,053	7	0.2%	115.6	864	7	0.2%	115.6	864	0.0%
21128	10,872	12	0.4%	110.4	906	16	0.5%	147.2	679	33.3%
21131	6,228	5	0.2%	80.3	1,245	4	0.1%	64.2	1,557	-20.0%
21133	25,773	255	8.3%	989.4	101	274	8.0%	1,063.1	94	7.5%
21136	28,035	93	3.0%	331.7	301	92	2.7%	328.2	304	-1.1%
21152	4,790	7	0.2%	146.1	684	4	0.1%	83.5	1,197	-42.9%
21153	271	***	***	***	***	0	0.0%	0.0	--	***
21155	1,848	0	0.0%	0.0	--	0	0.0%	0.0	--	--
21156	330	0	0.0%	0.0	--	0	0.0%	0.0	--	--
21161	2,386	2	0.1%	83.8	1,192	0	0.0%	0.0	--	-100.0%
21162	3,156	4	0.1%	126.7	788	7	0.2%	221.8	450	75.0%
21163	2,371	12	0.4%	506.0	197	17	0.5%	716.9	139	41.7%
21204	18,883	40	1.3%	211.8	472	61	1.8%	323.0	309	52.5%
21206	8,987	39	1.3%	434.0	230	78	2.3%	867.9	115	100.0%
21207	29,407	282	9.2%	959.0	104	357	10.4%	1,214.0	82	26.6%
21208	28,693	143	4.7%	498.4	200	149	4.4%	519.3	192	4.2%
21209	12,023	33	1.1%	274.5	364	47	1.4%	390.9	255	42.4%
21210	871	***	***	***	***	***	***	***	***	***
21212	8,933	18	0.6%	201.5	496	18	0.5%	201.5	496	0.0%
21215	1,514	28	0.9%	1,848.9	54	25	0.7%	1,650.8	60	-10.7%
21219	8,346	21	0.7%	251.6	397	14	0.4%	167.7	596	-33.3%
21220	33,657	121	3.9%	359.5	278	163	4.8%	484.3	206	34.7%
21221	36,286	211	6.9%	581.5	171	207	6.1%	570.5	175	-1.9%
21222	46,709	197	6.4%	421.8	237	247	7.2%	528.8	189	25.4%
21224	7,455	23	0.8%	308.5	324	28	0.8%	375.6	266	21.7%
21227	27,940	118	3.8%	422.3	236	111	3.2%	397.3	251	-5.9%

21228	41,959	128	4.2%	305.1	327	152	4.4%	362.3	276	18.8%
21229	6,092	46	1.5%	755.1	132	53	1.5%	870.0	114	15.2%
21234	54,509	230	7.5%	421.9	236	239	7.0%	438.5	228	3.9%
21236	33,488	82	2.7%	244.9	408	88	2.6%	262.8	380	7.3%
21237	26,006	129	4.2%	496.0	201	153	4.5%	588.3	169	18.6%
21239	4,444	30	1.0%	675.1	148	18	0.5%	405.1	246	-40.0%
21244	29,076	325	10.6%	1,117.8	89	309	9.0%	1,062.7	94	-4.9%
21250	3,313	0	0.0%	0.0	--	0	0.0%	0.0	--	--
21252	2,969	1	0.0%	33.7	2,968	0	0.0%	0.0	--	-100.0%
21286	17,542	52	1.7%	296.4	337	65	1.9%	370.5	269	25.0%
Unknown	--	30	1.0%	--	--	14	0.4%	--	--	-53.3%
Total	703,196	3,065	100.0%	435.9	229	3,420	100.0%	486.4	205	11.6%

*** Data withheld due to low population counts and/or case counts

Table 5 – CD4 Test Results during 2017 for Adult/Adolescent HIV Cases Alive on December 31, 2017, by Jurisdiction of Current Residence, Reported through June 30, 2018

Jurisdiction of Current Residence	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
21013	2	***	***	***	***	***	***	***
21030	81	60	74.1%	622	11.7%	11.7%	10.0%	66.7%
21031	***	***	***	***	***	***	***	***
21043	***	***	***	***	***	***	***	***
21051	***	***	***	***	***	***	***	***
21052	0	--	--	--	--	--	--	--
21053	4	***	***	***	***	***	***	***
21057	1	***	***	***	***	***	***	***
21071	***	***	***	***	***	***	***	***
21074	0	--	--	--	--	--	--	--
21082	0	--	--	--	--	--	--	--
21085	0	--	--	--	--	--	--	--
21087	5	***	***	***	***	***	***	***
21093	37	24	64.9%	666	4.2%	0.0%	8.3%	87.5%
21102	0	--	--	--	--	--	--	--
21104	***	***	***	***	***	***	***	***
21105	0	--	--	--	--	--	--	--
21111	5	***	***	***	***	***	***	***
21117	257	166	64.6%	603	7.8%	11.4%	15.7%	65.1%
21120	7	***	***	***	***	***	***	***
21128	16	13	81.3%	663	15.4%	7.7%	7.7%	69.2%
21131	4	***	***	***	***	***	***	***
21133	274	188	68.6%	629	9.0%	9.0%	13.8%	68.1%
21136	92	63	68.5%	636	6.3%	19.0%	14.3%	60.3%
21152	4	***	***	***	***	***	***	***
21153	0	--	--	--	--	--	--	--
21155	0	--	--	--	--	--	--	--
21156	0	--	--	--	--	--	--	--
21161	0	--	--	--	--	--	--	--
21162	7	6	85.7%	795	33.3%	0.0%	0.0%	66.7%
21163	17	11	64.7%	722	0.0%	0.0%	9.1%	90.9%
21204	61	41	67.2%	560	7.3%	12.2%	22.0%	58.5%
21206	78	59	75.6%	653	1.7%	15.3%	8.5%	74.6%
21207	357	255	71.4%	591	7.8%	16.5%	14.1%	61.6%
21208	149	108	72.5%	610	8.3%	9.3%	12.0%	70.4%
21209	47	34	72.3%	651	2.9%	17.6%	17.6%	61.8%
21210	***	***	***	***	***	***	***	***
21212	18	13	72.2%	764	0.0%	7.7%	0.0%	92.3%
21215	25	15	60.0%	518	6.7%	6.7%	33.3%	53.3%
21219	14	10	71.4%	567	0.0%	0.0%	30.0%	70.0%
21220	163	116	71.2%	635	9.5%	12.9%	12.9%	64.7%
21221	207	158	76.3%	606	8.2%	12.0%	19.0%	60.8%
21222	247	198	80.2%	589	9.6%	11.6%	15.7%	63.1%
21224	28	23	82.1%	652	8.7%	8.7%	21.7%	60.9%

21227	111	79	71.2%	603	19.0%	7.6%	11.4%	62.0%
21228	152	109	71.7%	528	10.1%	11.0%	24.8%	54.1%
21229	53	34	64.2%	567	5.9%	20.6%	14.7%	58.8%
21234	239	160	66.9%	630	11.3%	7.5%	15.0%	66.3%
21236	88	56	63.6%	595	7.1%	12.5%	16.1%	64.3%
21237	153	115	75.2%	623	11.3%	10.4%	13.0%	65.2%
21239	18	12	66.7%	568	8.3%	25.0%	8.3%	58.3%
21244	309	202	65.4%	607	11.9%	15.8%	11.4%	60.9%
21250	0	--	--	--	--	--	--	--
21252	0	--	--	--	--	--	--	--
21286	65	49	75.4%	626	8.2%	6.1%	18.4%	67.3%
Unknown	14	***	***	***	***	***	***	***
Total	3,420	2,407	70.4%	609	9.1%	11.9%	14.9%	64.1%

*** Data withheld due to low population counts and/or case counts

Table 6 – Viral Load Test Results during 2017 for Adult/Adolescent HIV Cases Alive on December 31, 2017, by Jurisdiction of Current Residence, Reported through June 30, 2018

Jurisdiction of Current Residence	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			Median Unsuppressed
		No. with Test	% with Test	% Suppressed	
21013	2	***	***	***	***
21030	81	59	72.8%	84.7%	18,700
21031	***	***	***	***	***
21043	***	***	***	***	***
21051	***	***	***	***	***
21052	0	--	--	--	--
21053	4	***	***	***	***
21057	1	***	***	***	***
21071	***	***	***	***	***
21074	0	--	--	--	--
21082	0	--	--	--	--
21085	0	--	--	--	--
21087	5	***	***	***	***
21093	37	25	67.6%	92.0%	1,318
21102	0	--	--	--	--
21104	***	***	***	***	***
21105	0	--	--	--	--
21111	5	***	***	***	***
21117	257	172	66.9%	88.4%	20,821
21120	7	***	***	***	***
21128	16	15	93.8%	86.7%	5,121
21131	4	***	***	***	***
21133	274	200	73.0%	86.0%	5,505
21136	92	71	77.2%	83.1%	13,065
21152	4	***	***	***	***
21153	0	--	--	--	--
21155	0	--	--	--	--
21156	0	--	--	--	--
21161	0	--	--	--	--
21162	7	6	85.7%	100.0%	--
21163	17	11	64.7%	100.0%	--
21204	61	43	70.5%	83.7%	362
21206	78	57	73.1%	77.2%	15,978
21207	357	270	75.6%	84.8%	16,532
21208	149	118	79.2%	88.1%	7,978
21209	47	34	72.3%	91.2%	3,205
21210	***	***	***	***	***
21212	18	13	72.2%	92.3%	24,579
21215	25	17	68.0%	88.2%	63,665
21219	14	11	78.6%	100.0%	--
21220	163	118	72.4%	87.3%	18,300
21221	207	158	76.3%	79.1%	5,520
21222	247	204	82.6%	84.3%	7,495
21224	28	22	78.6%	86.4%	14,200

21227	111	79	71.2%	79.7%	23,100
21228	152	120	78.9%	86.7%	39,668
21229	53	36	67.9%	80.6%	13,214
21234	239	163	68.2%	82.8%	7,211
21236	88	62	70.5%	90.3%	1,172
21237	153	119	77.8%	83.2%	45,725
21239	18	13	72.2%	100.0%	--
21244	309	219	70.9%	85.8%	8,610
21250	0	--	--	--	--
21252	0	--	--	--	--
21286	65	49	75.4%	89.8%	6,650
Unknown	14	***	***	***	***
Total	3,420	2,517	73.6%	85.3%	9,945

*** Data withheld due to low population counts and/or case counts

Section V – Cases by Age

Table 7 – HIV Diagnoses during 2017, Linked to Care, Late Diagnosis, and First CD4 Test Result by Age at HIV Diagnosis, Reported through June 30, 2018

Age at HIV Diagnosis	Population	Reported HIV Diagnoses							
		No.	% of Total	Rate	Linked to Care		Late HIV Diagnoses	First CD4 Test Result	
					% 1 mo.	% 3 mo.		%	Median Count
<5 (Pediatric)	49,099	0	0.0%	0.0	--	--	--	--	--
5-12 (Pediatric)	80,173	0	0.0%	0.0	--	--	--	--	--
13-19	73,117	9	8.0%	12.3	***	***	***	***	***
20-29	109,610	35	31.3%	31.9	88.6%	91.4%	14.3%	88.6%	458
30-39	109,915	37	33.0%	33.7	89.2%	94.6%	24.3%	91.9%	356
40-49	100,519	22	19.6%	21.9	90.9%	95.5%	40.9%	100.0%	236
50-59	116,017	6	5.4%	5.2	83.3%	83.3%	0.0%	83.3%	489
60+	194,018	3	2.7%	1.5	***	***	***	***	***
Total	832,468	112	100.0%	13.5	89.3%	93.8%	23.2%	92.9%	362

*** Data withheld due to low population counts and/or case counts

Table 8 – HIV Cases Alive on December 31, 2017, by Age on December 31, 2017, Reported through June 30, 2018

Age on December 31, 2017	Population	Total Living HIV Cases				
		No.	% of Total	% Living with AIDS	Rate	Ratio (1 in X)
<5	49,099	1	0.0%	0.0%	2.0	49,099
5-12	80,173	6	0.2%	33.3%	7.5	13,362
13-19	73,117	25	0.7%	4.0%	34.2	2,924
20-29	109,610	336	9.8%	27.1%	306.5	326
30-39	109,915	652	19.0%	41.7%	593.2	168
40-49	100,519	781	22.8%	55.6%	777.0	128
50-59	116,017	1,014	29.6%	66.2%	874.0	114
60+	194,018	612	17.9%	66.2%	315.4	317
Total	832,468	3,427	100.0%	54.7%	411.7	242

Table 9 – CD4 Test Results during 2017 for Adult/Adolescent HIV Cases Alive on December 31, 2017, by Age on December 31, 2017, Reported through June 30, 2018

Age on December 31, 2017	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Results						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
13-19	25	15	60.0%	882	0.0%	6.7%	6.7%	86.7%
20-29	336	216	64.3%	577	12.0%	8.8%	16.2%	63.0%
30-39	652	460	70.6%	616	10.2%	12.4%	14.8%	62.6%
40-49	781	550	70.4%	610	9.6%	10.0%	15.3%	65.1%
50-59	1,014	741	73.1%	619	8.9%	12.7%	13.9%	64.5%
60+	612	425	69.4%	584	6.4%	14.4%	16.0%	63.3%
Total	3,420	2,407	70.4%	609	9.1%	11.9%	14.9%	64.1%

Table 10 – Viral Load Test Results during 2017 for Adult/Adolescent HIV Cases Alive on December 31, 2017, by Age on December 31, 2017, Reported through June 30, 2018

Age on December 31, 2017	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			Median Unsuppressed
		No. with Test	% with Test	% Suppressed	
13-19	25	17	68.0%	88.2%	607
20-29	336	230	68.5%	66.5%	14,200
30-39	652	476	73.0%	81.9%	7,496
40-49	781	584	74.8%	86.1%	15,978
50-59	1,014	761	75.0%	88.2%	7,210
60+	612	449	73.4%	92.7%	6,890
Total	3,420	2,517	73.6%	85.3%	9,945

Section VI – Adult/Adolescent Cases by Demographics

Table 11 – Adult/Adolescent HIV Diagnoses during 2017, Linked to Care, Late Diagnosis, and First CD4 Test Result by Sex at Birth, Gender, Race/Ethnicity, and Country of Birth, Reported through June 30, 2018

Demographic Characteristics	Population Age 13+	Adult/Adolescent Reported HIV Diagnoses							
		No.	% of Total	Rate	Linked to Care		Late HIV Diagnoses	First CD4 Test Result	
					% 1 mo.	% 3 mo.	%	%	Median Count
Sex at Birth									
Male	329,179	72	64.3%	21.9	90.3%	91.7%	20.8%	93.1%	370
Female	374,016	40	35.7%	10.7	87.5%	97.5%	27.5%	92.5%	344
Gender									
Male	--	71	63.4%	--	***	***	***	***	***
Female	--	40	35.7%	--	***	***	***	***	***
Transgender Female	--	1	0.9%	--	***	***	***	***	***
Transgender Male	--	0	0.0%	--	--	--	--	--	--
Another Gender Identity	--	0	0.0%	--	--	--	--	--	--
Race/Ethnicity									
Hispanic	33,115	10	8.9%	30.2	100.0%	100.0%	***	100.0%	416
Non-Hispanic	670,081	102	91.1%	15.2	88.2%	93.1%	24.5%	92.2%	350
American Indian/Alaska Native, only	1,906	0	0.0%	0.0	--	--	--	--	--
Asian, only	43,387	3	2.7%	6.9	***	***	***	***	***
Black, only	194,943	73	65.2%	37.4	86.3%	90.4%	19.2%	90.4%	382
Native Hawaiian/Other Pacific Islander, only	249	0	0.0%	0.0	--	--	--	--	--
White, only	417,890	20	17.9%	4.8	90.0%	100.0%	30.0%	100.0%	290
Multiracial/Other	11,707	6	5.4%	51.3	***	***	***	***	***
Total	703,196	112	100.0%	15.9	89.3%	93.8%	23.2%	92.9%	362
Country of Birth									
United States	604,337	88	78.6%	14.6	87.5%	92.0%	22.7%	90.9%	344
Foreign-Born	92,526	17	15.2%	18.4	94.1%	100.0%	35.3%	100.0%	415
Africa	--	7	6.3%	--	100.0%	100.0%	28.6%	100.0%	472
Asia	--	4	3.6%	--	***	***	***	***	***
Caribbean	--	1	0.9%	--	***	***	***	***	***
Central America	--	5	4.5%	--	100.0%	100.0%	***	100.0%	652
Other	--	0	0.0%	--	0.0%	0.0%	0.0%	0.0%	--
Unknown	--	7	6.3%	--	100.0%	100.0%	0.0%	100.0%	538
Total	696,862	112	100.0%	16.1	89.3%	93.8%	23.2%	92.9%	362

Note. Population data by sex at birth, age, and race/ethnicity are from the 2017 U.S. Census population estimates. Population data by gender are unavailable. Population data by country of birth are from the 2016 American Community Survey.

*** Data withheld due to low population and/or case counts

Table 12 – Adult/Adolescent Living HIV Cases Alive on December 31, 2017, by Sex at Birth, Gender, Race/Ethnicity, and Country of Birth, Reported through June 30, 2018

Demographic Characteristics	Population Age 13+	Adult/Adolescent Total Living HIV Cases				
		No.	% of Total	% Living with AIDS	Rate	Ratio (1 in X)
Sex at Birth						
Male	329,179	2,156	63.0%	53.7%	655.0	152
Female	374,016	1,264	37.0%	56.7%	338.0	295
Gender						
Male	--	2,125	62.1%	53.9%	--	--
Female	--	1,263	36.9%	56.8%	--	--
Transgender Female	--	31	0.9%	35.5%	--	--
Transgender Male	--	1	0.0%	0.0%	--	--
Another Gender Identity	--	0	0.0%	0.0%	--	--
Race/Ethnicity						
Hispanic	33,115	174	5.1%	48.9%	525.4	190
Non-Hispanic	670,081	3,246	94.9%	55.1%	484.4	206
American Indian/Alaska Native, only	1,906	1	0.0%	100.0%	52.5	1,905
Asian, only	43,387	39	1.1%	43.6%	89.9	1,112
Black, only	194,943	2,347	68.6%	55.3%	1,203.9	83
Native Hawaiian/Other Pacific Islander, only	249	0	0.0%	0.0%	0.0	--
White, only	417,890	602	17.6%	53.0%	144.1	694
Multiracial/Other	11,707	257	7.5%	60.3%	2,195.3	45
Total	703,196	3,420	100.0%	54.8%	486.4	205
Country of Birth						
United States	604,337	3,011	88.0%	56.1%	498.2	200
Foreign-Born	92,526	308	9.0%	49.4%	332.9	300
Africa	--	184	59.7%	45.7%	--	--
Asia	--	48	15.6%	66.7%	--	--
Caribbean	--	18	5.8%	44.4%	--	--
Central America	--	35	11.4%	42.9%	--	--
Other	--	23	7.5%	56.5%	--	--
Unknown	--	101	3.0%	31.7%	--	--
Total	696,862	3,420	100.0%	54.8%	490.8	203

Note. Population data by sex at birth, age, and race/ethnicity are from the 2017 U.S. Census population estimates. Population data by gender are unavailable. Population data by country of birth are from the 2016 American Community Survey.

Table 13 – CD4 Test Results during 2017 for Adult/Adolescent HIV Cases Alive on December 31, 2017, by Sex at Birth, Gender, Race/Ethnicity and Country of Birth, Reported through June 30, 2018

Demographic Characteristics	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Sex at Birth								
Male	2,156	1,508	69.9%	596	8.8%	12.1%	15.6%	63.4%
Female	1,264	899	71.1%	650	9.6%	11.6%	13.7%	65.2%
Gender								
Male	2,125	***	***	***	***	***	***	***
Female	1,263	***	***	***	***	***	***	***
Transgender Female	31	***	***	***	***	***	***	***
Transgender Male	1	***	***	***	***	***	***	***
Another Gender Identity	0	--	--	--	--	--	--	--
Race/Ethnicity								
Hispanic	174	135	77.6%	593	10.4%	14.8%	18.5%	56.3%
Non-Hispanic	3,246	2,272	70.0%	609	9.0%	11.8%	14.7%	64.5%
American Indian/Alaska Native, only	1	***	***	***	***	***	***	***
Asian, only	39	31	79.5%	525	9.7%	19.4%	16.1%	54.8%
Black, only	2,347	1,638	69.8%	609	8.9%	12.1%	15.4%	63.6%
Native Hawaiian/Other Pacific Islander, only	0	--	--	--	--	--	--	--
White, only	602	410	68.1%	628	9.5%	12.7%	11.0%	66.8%
Multiracial/Other	257	***	***	***	***	***	***	***
Country of Birth								
United States	3,011	2,119	70.4%	613	9.5%	11.9%	14.1%	64.4%
Foreign-Born	308	224	72.7%	598	7.1%	11.6%	20.1%	61.2%
Africa	184	128	69.6%	632	7.0%	10.2%	17.2%	65.6%
Asia	48	36	75.0%	535	8.3%	16.7%	16.7%	58.3%
Caribbean	18	13	72.2%	631	0.0%	7.7%	30.8%	61.5%
Central America	35	32	91.4%	487	12.5%	12.5%	28.1%	46.9%
Other	23	15	65.2%	570	0.0%	13.3%	26.7%	60.0%
Unknown	101	64	63.4%	537	1.6%	12.5%	23.4%	62.5%
Total	3,420	2,407	70.4%	609	9.1%	11.9%	14.9%	64.1%

*** Data withheld due to low population and/or case counts

Table 14 – Viral Load Test Results during 2017 for Adult/Adolescent HIV Cases Alive on December 31, 2017, by Sex at Birth, Gender, Race/Ethnicity and Country of Birth, Reported through June 30, 2018

Demographic Characteristics	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			Median Unsuppressed
		No. with Test	% with Test	% Suppressed	
Sex at Birth					
Male	2,156	1,573	73.0%	86.6%	12,907
Female	1,264	944	74.7%	83.2%	7,850
Gender					
Male	2,125	***	***	***	***
Female	1,263	***	***	***	***
Transgender Female	31	***	***	***	***
Transgender Male	1	***	***	***	***
Another Gender Identity	0	--	--	--	--
Race/Ethnicity					
Hispanic	174	132	75.9%	81.8%	8,152
Non-Hispanic	3,246	2,385	73.5%	85.5%	10,100
American Indian/Alaska Native, only	***	***	***	***	***
Asian, only	***	***	***	***	***
Black, only	2,347	1,724	73.5%	84.7%	10,453
Native Hawaiian/Other Pacific Islander, only	0	--	--	--	--
White, only	602	434	72.1%	86.6%	7,590
Multiracial/Other	257	196	76.3%	89.8%	13,749
Country of Birth					
United States	3,011	2,225	73.9%	84.9%	9,945
Foreign-Born	308	221	71.8%	88.2%	10,502
Africa	184	126	68.5%	90.5%	10,502
Asia	48	37	77.1%	91.9%	114,570
Caribbean	18	12	66.7%	91.7%	461
Central America	35	30	85.7%	70.0%	14,200
Other	23	16	69.6%	93.8%	210
Unknown	101	71	70.3%	88.7%	9,785
Total	3,420	2,517	73.6%	85.3%	9,945

*** Data withheld due to low population and/or case counts

Section VII – HIV Cases by Expanded Demographics

Figure 9 – Population Pyramids of Total Living HIV Cases by Current Age, Sex at Birth, and Race/Ethnicity, Alive on December 31, 2017 and Reported through June 30, 2018

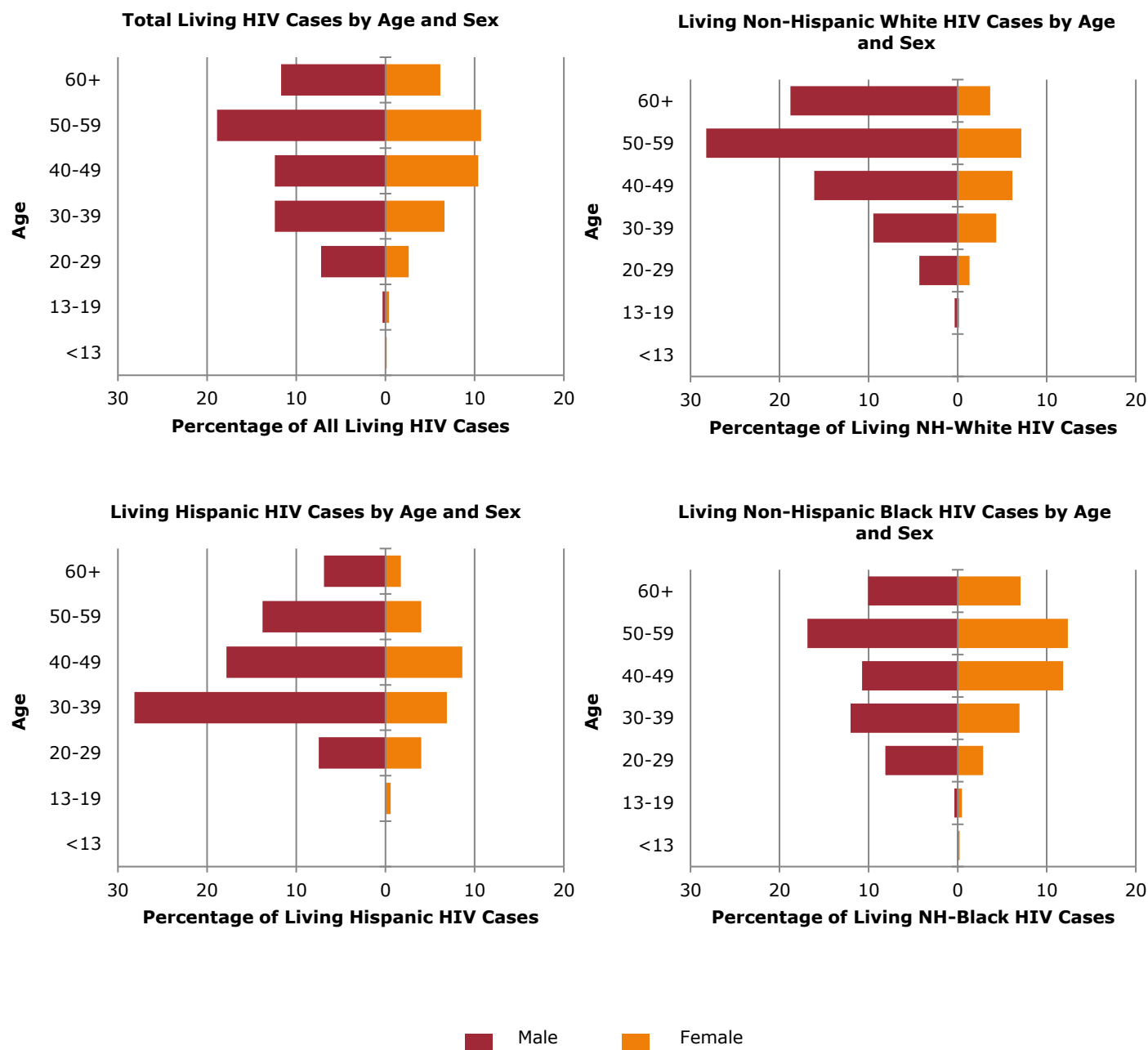


Table 15 – Total Living Male HIV Cases by Current Age and Race/Ethnicity, Alive on December 31, 2017 and Reported through June 30, 2018

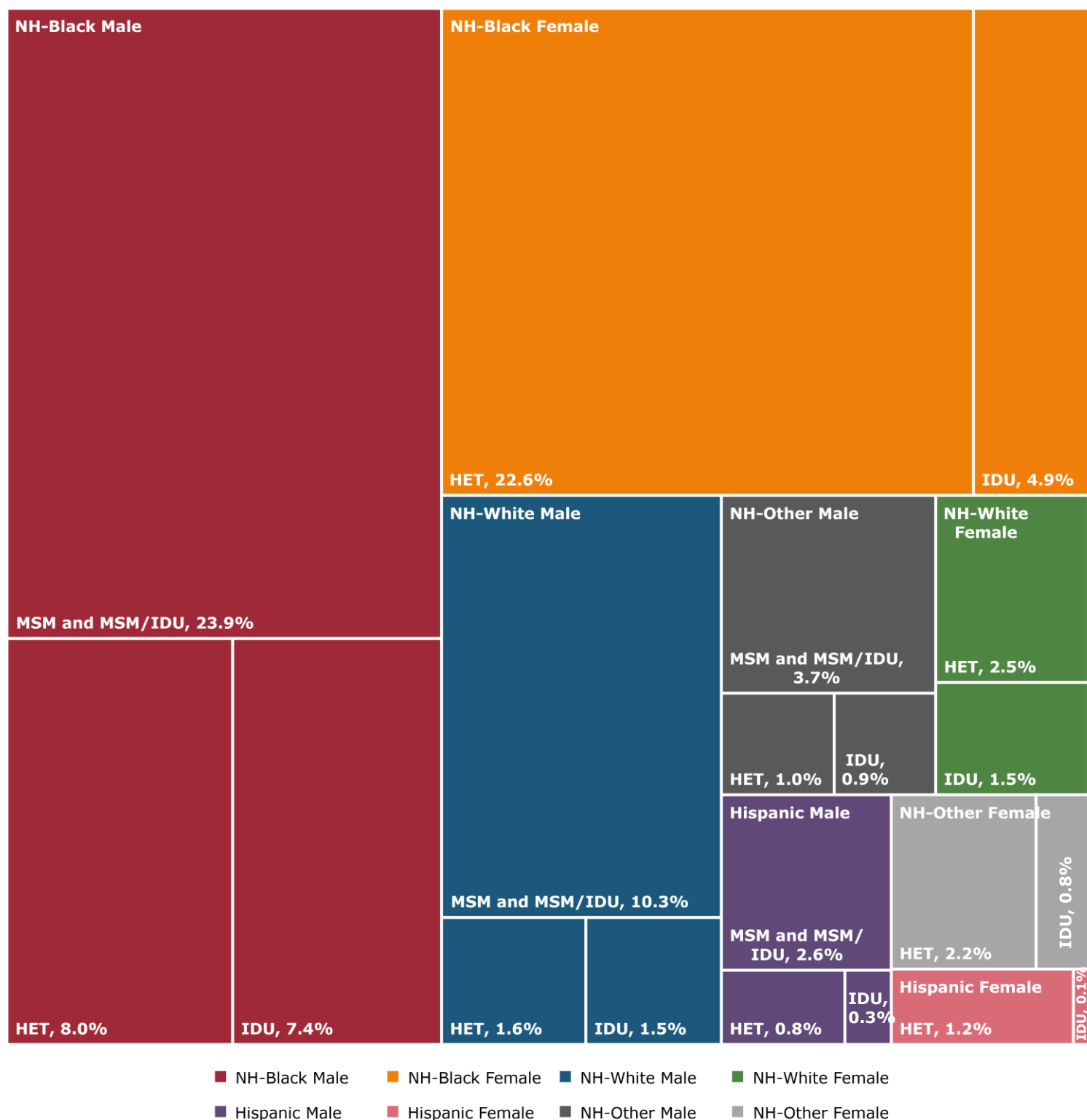
Total Living Male HIV Cases						
Age on December 31, 2017		Race/Ethnicity				Total Males by Age Group
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Other Race	
<13 (Pediatric)	Population	6,557	21,282	29,776	8,103	65,719
	Cases	0	2	0	0	2
	Rate	0.0	9.4	0.0	0.0	3.0
	Ratio (1 in X)	--	10,641	--	--	32,859
13-19	Population	2,773	12,208	17,915	3,985	36,880
	Cases	0	9	2	0	11
	Rate	0.0	73.7	11.2	0.0	29.8
	Ratio (1 in X)	--	1,356	8,957	--	3,352
20-29	Population	3,414	16,742	28,238	5,444	53,838
	Cases	13	191	26	17	247
	Rate	380.8	1,140.8	92.1	312.3	458.8
	Ratio (1 in X)	262	87	1,086	320	217
30-39	Population	4,417	14,488	28,099	5,618	52,622
	Cases	49	283	57	36	425
	Rate	1,109.4	1,953.3	202.9	640.8	807.6
	Ratio (1 in X)	90	51	492	156	123
40-49	Population	3,171	13,849	25,755	4,575	47,350
	Cases	31	253	97	44	425
	Rate	977.6	1,826.8	376.6	961.7	897.6
	Ratio (1 in X)	102	54	265	103	111
50-59	Population	1,972	13,640	35,611	3,439	54,662
	Cases	24	397	170	56	647
	Rate	1,217.0	2,910.6	477.4	1,628.4	1,183.6
	Ratio (1 in X)	82	34	209	61	84
60+	Population	1,497	15,034	62,770	4,526	83,827
	Cases	12	237	113	39	401
	Rate	801.6	1,576.4	180.0	861.7	478.4
	Ratio (1 in X)	124	63	555	116	209
Total Males by Race/Ethnicity	Population	23,801	107,243	228,164	35,690	394,898
	Cases	129	1,372	465	192	2,158
	Rate	542.0	1,279.3	203.8	538.0	546.5
	Ratio (1 in X)	184	78	490	185	182

Table 16 – Total Living Female HIV Cases by Current Age and Race/Ethnicity, Alive on December 31, 2017 and Reported through June 30, 2018

Total Living Female HIV Cases						
Age on December 31, 2017		Race/Ethnicity				Total Females by Age Group
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Other Race	
<13 (Pediatric)	Population	6,223	20,898	28,496	7,936	63,554
	Cases	0	5	0	0	5
	Rate	0.0	23.9	0.0	0.0	7.9
	Ratio (1 in X)	--	4,179	--	--	12,710
13-19	Population	2,575	12,246	17,588	3,828	36,236
	Cases	1	11	1	1	14
	Rate	38.8	89.8	5.7	26.1	38.6
	Ratio (1 in X)	2,575	1,113	17,588	3,828	2,588
20-29	Population	3,364	18,736	28,158	5,514	55,772
	Cases	7	67	8	7	89
	Rate	208.1	357.6	28.4	126.9	159.6
	Ratio (1 in X)	480	279	3,519	787	626
30-39	Population	3,609	19,000	28,773	5,911	57,293
	Cases	12	163	26	26	227
	Rate	332.5	857.9	90.4	439.9	396.2
	Ratio (1 in X)	300	116	1,106	227	252
40-49	Population	2,792	17,890	27,169	5,318	53,169
	Cases	15	279	37	25	356
	Rate	537.2	1,559.5	136.2	470.1	669.6
	Ratio (1 in X)	186	64	734	212	149
50-59	Population	1,715	17,508	38,123	4,009	61,355
	Cases	7	291	43	26	367
	Rate	408.2	1,662.1	112.8	648.5	598.2
	Ratio (1 in X)	245	60	886	154	167
60+	Population	1,816	23,603	79,691	5,081	110,191
	Cases	3	166	22	20	211
	Rate	165.2	703.3	27.6	393.6	191.5
	Ratio (1 in X)	605	142	3,622	254	522
Total Females by Race/Ethnicity	Population	22,094	129,881	247,998	37,597	437,570
	Cases	45	982	137	105	1,269
	Rate	203.7	756.1	55.2	279.3	290.0
	Ratio (1 in X)	490	132	1,810	358	344

Section VIII – HIV Exposure Category

Figure 10 – Proportion of Adult/Adolescent Total Living HIV Cases, by Estimated Exposure Category, Race/Ethnicity, and Sex at Birth, Alive on December 31, 2017, Reported through June 30, 2018



Note. Other exposure category and perinatal transmission not shown (<2 percent). Multiple imputation was used to estimate and adjust for missing transmission category.

Table 17 – Adult/Adolescent HIV Diagnoses during 2017, Linked to Care, Late Diagnosis, and First CD4 Test Result, by Estimated or Reported Exposure Category and Sex at Birth, Reported through June 30, 2018

Estimated or Reported Exposure Category	Adult/Adolescent Reported HIV Diagnoses						
	No.	% of Total	Linked to Care		Late HIV Diagnoses	First CD4 Test Result	
			% 1 mo.	% 3 mo.	%	%	Median Count
Male-to-male Sexual Contact (MSM)	57	51.3%	89.5%	91.3%	20.9%	91.3	403
Injection Drug Use (IDU)	5	4.7%	***	***	***	***	***
Male-to-male Sexual Contact and Injection Drug Use (MSM/IDU)	1	1.2%	***	***	***	***	***
Heterosexual Contact (HET)	48	42.9%	91.7%	95.8%	24.8%	93.8	344
Perinatal Transmission	0	0.0%	--	--	--	--	--
Other Exposures	0	0.0%	--	--	--	--	--
No Estimated or Reported Exposure	0	0.0%	--	--	--	--	--
Total	112	100.0%	89.3%	93.8%	23.2%	92.9	362
Male Estimated or Reported Exposure Category							
Male-to-male Sexual Contact (MSM)	57	79.7%	89.5%	91.3%	20.9%	91.3%	403
Injection Drug Use (IDU)	2	2.8%	***	***	***	***	***
Male-to-male Sexual Contact and Injection Drug Use (MSM/IDU)	1	1.8%	***	***	***	***	***
Heterosexual Contact (HET)	11	15.7%	91.2%	91.2%	17.7%	100.0%	355
Perinatal Transmission	0	0.0%	--	--	--	--	--
Other Exposures	0	0.0%	--	--	--	--	--
No Estimated or Reported Exposure	0	0.0%	--	--	--	--	--
Total	72	100.0%	90.3%	91.7%	20.8%	93.1%	370
Female Estimated or Reported Exposure Category							
Injection Drug Use (IDU)	3	8.3%	***	***	***	***	***
Heterosexual Contact (HET)	37	91.8%	***	***	***	***	***
Perinatal Transmission	0	0.0%	--	--	--	--	--
Other Exposures	0	0.0%	--	--	--	--	--
No Estimated or Reported Exposure	0	0.0%	--	--	--	--	--
Total	40	100.0%	87.5%	97.5%	27.5%	92.5%	344

Note. Data for 2017 are preliminary because they are based on a 6-month reporting delay and should not be used to assess trends. Data have been statistically adjusted to account for missing transmission category, therefore, values may not sum to column total. Median count is weighted based on statistical adjustment. For exposure category by gender, please see the Maryland HIV Epidemiological Profile Transgender Persons Supplement.

*** Data withheld due to low population and/or case counts

Table 18 – Adult/Adolescent Living HIV Cases Alive on December 31, 2017, by Estimated or Reported Exposure Category and Sex at Birth, Reported through June 30, 2018

Estimated or Reported Exposure Category	Adult/Adolescent Total Living HIV Cases		
	No.	% of Total	% Living with AIDS
Male-to-male Sexual Contact (MSM)	1,273	37.2%	46.7%
Injection Drug Use (IDU)	592	17.3%	71.3%
Male-to-male Sexual Contact and Injection Drug Use (MSM/IDU)	113	3.3%	69.8%
Heterosexual Contact (HET)	1,365	39.9%	54.1%
Perinatal Transmission	62	1.8%	51.6%
Other Exposures	7	0.2%	71.4%
No Estimated or Reported Exposure	8	0.2%	37.5%
Total	3,420	100.0%	54.8%
Male Estimated or Reported Exposure Category			
Male-to-male Sexual Contact (MSM)	1,273	59.1%	46.7%
Injection Drug Users (IDU)	346	16.1%	71.4%
Male-to-male Sexual Contact and Injection Drug Use (MSM/IDU)	113	5.2%	69.8%
Heterosexual Contact (HET)	390	18.1%	54.9%
Perinatal Transmission	25	1.2%	64.0%
Other Exposures	6	0.3%	66.7%
No Estimated or Reported Exposure	3	0.1%	66.7%
Total	2,156	100.0%	53.7%
Female Estimated or Reported Exposure Category			
Injection Drug Use (IDU)	246	19.5%	71.2%
Heterosexual Contact (HET)	975	77.1%	53.7%
Perinatal Transmission	37	2.9%	43.2%
Other Exposures	1	0.1%	100.0%
No Estimated or Reported Exposure	5	0.4%	20.0%
Total	1,264	100.0%	56.7%

Note. Data have been statistically adjusted to account for missing transmission category, therefore, values may not sum to column total. For exposure category by gender, please see the Maryland HIV Epidemiological Profile Transgender Persons Supplement.

Table 19 – Adult/Adolescent Total Living HIV Cases by Estimated or Reported Exposure Category, Race/Ethnicity, and Sex at Birth, Alive on December 31, 2017 and Reported through June 30, 2018

Estimated or Reported Exposure Category	Adult/Adolescent Total Living HIV Cases					
	Race/Ethnicity					
	Hispanic		Non-Hispanic, Black, only		Non-Hispanic, White, only	
	No.	% of Total	No.	% of Total	No.	% of Total
Male-to-male Sexual Contact (MSM)	81	46.6%	741	31.6%	334	55.5%
Injection Drug Use (IDU)	13	7.3%	422	18.0%	102	16.9%
Male-to-male Sexual Contact and Injection Drug Use (MSM/IDU)	7	4.1%	76	3.2%	18	3.0%
Heterosexual Contact (HET)	69	39.8%	1,049	44.7%	137	22.8%
Perinatal Transmission	1	0.6%	52	2.2%	5	0.8%
Other Exposures	1	0.6%	1	0.0%	5	0.8%
No Estimated or Reported Exposure	2	1.1%	6	0.3%	0	0.0%
Total	174	100.0%	2,347	100.0%	602	100.0%
Male Estimated or Reported Exposure Category						
Male-to-male Sexual Contact (MSM)	81	62.8%	741	54.1%	334	71.9%
Injection Drug Use (IDU)	10	7.8%	254	18.5%	52	11.2%
Male-to-male Sexual Contact and Injection Drug Use (MSM/IDU)	7	5.5%	76	5.6%	18	3.9%
Heterosexual Contact (HET)	29	22.3%	275	20.1%	53	11.5%
Perinatal Transmission	1	0.8%	20	1.5%	3	0.6%
Other Exposures	1	0.8%	1	0.1%	4	0.9%
No Estimated or Reported Exposure	0	0.0%	3	0.2%	0	0.0%
Total	129	100.0%	1,370	100.0%	465	100.0%
Female Estimated or Reported Exposure Category						
Injection Drug Use (IDU)	3	5.8%	168	17.2%	50	36.4%
Heterosexual Contact (HET)	40	89.8%	774	79.3%	84	61.4%
Perinatal Transmission	0	0.0%	32	3.3%	2	1.5%
Other Exposures	0	0.0%	0	0.0%	1	0.7%
No Estimated or Reported Exposure	2	4.4%	3	0.3%	0	0.0%
Total	45	100.0%	977	100.0%	137	100.0%

Note. Data have been statistically adjusted to account for missing transmission category, therefore, values may not sum to column total. For exposure category by gender, please see the Maryland HIV Epidemiological Profile Transgender Persons Supplement.

Table 20 – CD4 Test Results during 2017 for Adult/Adolescent HIV Cases Alive on December 31, 2017, by Estimated or Reported Exposure Category, Reported through June 30, 2018

Estimated or Reported Exposure Category	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Results						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Male-to-male Sexual Contact (MSM)	1,273	879	69.0%	619	7.0%	11.7%	14.6%	66.7%
Injection Drug Use (IDU)	592	451	76.1%	574	14.9%	12.4%	14.8%	58.0%
Male-to-male Sexual Contact and Injection Drug Use (MSM/IDU)	113	87	77.2%	592	7.1%	13.4%	18.0%	61.4%
Heterosexual Contact (HET)	1,365	941	69.0%	629	7.6%	11.6%	15.0%	65.9%
Perinatal Transmission	62	39	62.9%	469	25.6%	15.4%	15.4%	43.6%
Other Exposures	7	6	85.7%	448	0.0%	33.3%	33.3%	33.3%
No Estimated or Reported Exposure	8	4	50.0%	130	75.0%	0.0%	0.0%	25.0%
Total	3,420	2,407	70.4%	609	9.1%	11.9%	14.9%	64.1%

Note. Data have been statistically adjusted to account for missing transmission category, therefore, values may not sum to column total. Median count is weighted based on statistical adjustment.

Table 21 – Viral Load Test Results during 2017 for Adult/Adolescent HIV Cases Alive on December 31, 2017, by Estimated or Reported Exposure Category, Reported through June 30, 2018

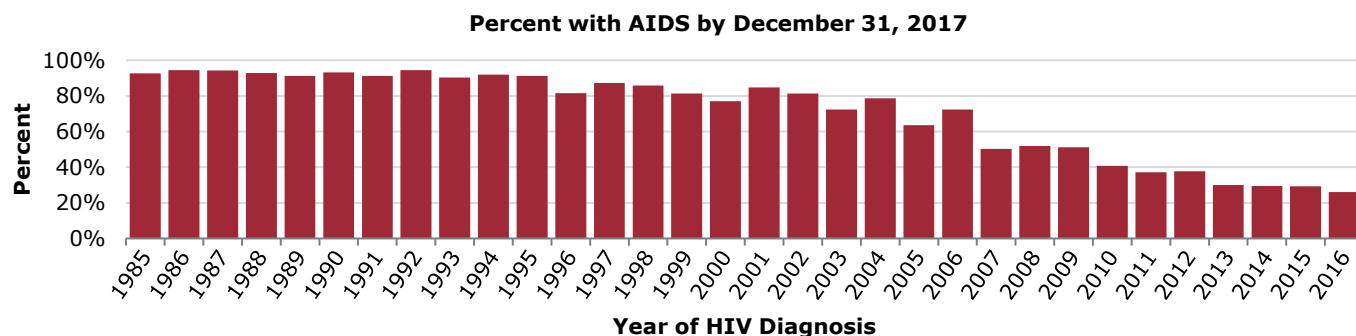
Estimated or Reported Exposure Category	Adult/Adolescent Total Living HIV Cases					
	No.	Recent Viral Load Test Results				Median Unsuppressed
		No. with Test	% with Test	% Suppressed		
Male-to-male Sexual Contact (MSM)	1,273	933	73.3%	86.8%		10,806
Injection Drug Use (IDU)	592	461	77.8%	82.7%		19,242
Male-to-male Sexual Contact and Injection Drug Use (MSM/IDU)	113	87	77.0%	87.1%		15,784
Heterosexual Contact (HET)	1,365	984	72.1%	86.3%		7,300
Perinatal Transmission	62	42	67.7%	61.9%		7,728
Other Exposures	7	6	85.7%	100.0%		--
No Estimated or Reported Exposure	8	4	50.0%	0.0%		14,400
Total	3,420	2,517	73.6%	85.3%		9,945

Note. Data have been statistically adjusted to account for missing transmission category, therefore, values may not sum to column total. Median unsuppressed is weighted based on statistical adjustment.

Section IX – Disease Progression and Mortality

Figure 11 – Trends in Disease Progression by Year of HIV Diagnosis, 1985-2016, Reported through June 30, 2018

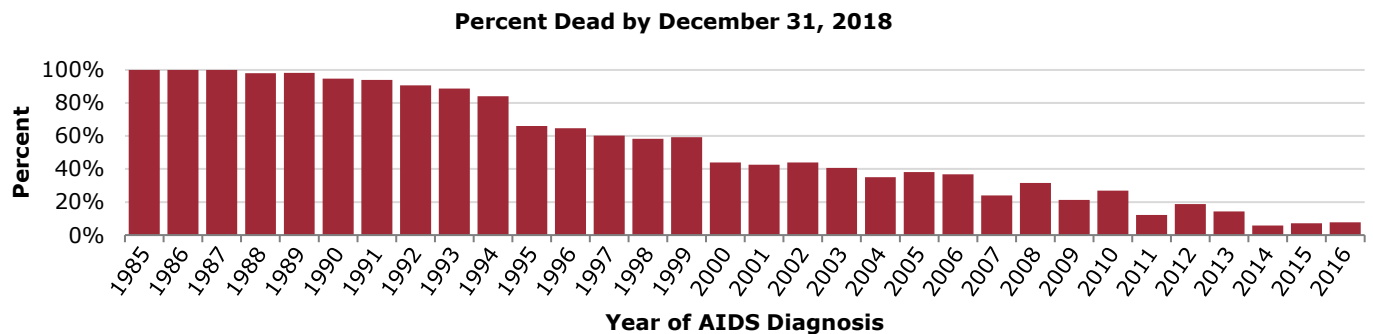
Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis by December 31, 2016 (Adult/Adolescent Reported HIV Diagnoses), Number of Adult/Adolescent Reported HIV Cases with an AIDS Diagnosis by December 31, 2017 (Reported AIDS Diagnoses), Percent by Year of HIV Diagnosis of Adult/Adolescent Reported HIV Diagnoses with a Reported AIDS Diagnosis by December 31, 2017, the Average Years from HIV Diagnosis to AIDS Diagnosis for Cases with an AIDS Diagnosis, and the Percent by Year of HIV Diagnosis of Reported Adult/Adolescent HIV Diagnoses with a Reported AIDS Diagnosis at 1 Year, 2 Years, 5 Years, and 10 Years after HIV Diagnosis, by Year of HIV Diagnosis from 1985 through 2016, as Reported by Name through June 30, 2018



Year of HIV Diagnosis	Adult/Adolescent Reported HIV Diagnoses							
	No.	Reported AIDS Diagnoses			Percent with AIDS by Years After HIV Diagnosis			
		No.	% with AIDS	Mean Years from HIV to AIDS	1 Year	2 Years	5 Years	10 Years
<1985	41	39	95.1%	8.0	26.8%	26.8%	29.3%	61.0%
1985	68	63	92.6%	6.9	27.9%	27.9%	35.3%	72.1%
1986	72	68	94.4%	5.5	34.7%	34.7%	47.2%	81.9%
1987	88	83	94.3%	4.5	37.5%	40.9%	56.8%	85.2%
1988	125	116	92.8%	4.2	43.2%	44.8%	64.0%	83.2%
1989	137	125	91.2%	4.2	38.7%	43.1%	62.0%	81.8%
1990	164	153	93.3%	2.9	44.5%	54.3%	79.3%	87.2%
1991	208	190	91.3%	3.1	45.7%	54.3%	72.6%	81.7%
1992	197	186	94.4%	2.8	48.7%	58.9%	76.6%	88.8%
1993	155	140	90.3%	2.3	51.0%	58.1%	75.5%	87.1%
1994	137	126	92.0%	2.7	48.9%	57.7%	75.9%	87.6%
1995	148	135	91.2%	2.4	56.1%	62.2%	76.4%	85.8%
1996	152	124	81.6%	1.5	61.8%	66.4%	73.0%	78.3%
1997	157	137	87.3%	2.3	56.7%	58.6%	71.3%	83.4%
1998	148	127	85.8%	1.5	60.8%	66.2%	76.4%	85.1%
1999	155	126	81.3%	1.9	54.8%	57.4%	70.3%	78.1%
2000	144	111	77.1%	1.7	54.2%	58.3%	67.4%	75.7%
2001	165	140	84.8%	1.6	60.0%	65.5%	75.8%	81.8%
2002	226	184	81.4%	1.8	60.2%	64.2%	70.4%	77.4%
2003	185	134	72.4%	1.2	57.3%	62.2%	65.4%	69.7%
2004	173	136	78.6%	1.6	59.5%	64.7%	69.9%	74.0%
2005	170	108	63.5%	1.7	46.5%	48.8%	55.3%	61.2%
2006	210	152	72.4%	1.0	59.5%	63.3%	66.7%	71.4%
2007	185	93	50.3%	1.6	35.7%	37.8%	42.7%	49.7%
2008	187	97	51.9%	1.2	39.0%	39.6%	47.6%	--
2009	186	95	51.1%	1.6	34.4%	36.0%	44.6%	--
2010	206	84	40.8%	1.5	25.7%	28.2%	37.9%	--
2011	164	61	37.2%	1.0	28.7%	32.9%	34.8%	--
2012	159	60	37.7%	1.0	28.3%	31.4%	37.1%	--
2013	127	38	29.9%	0.3	27.6%	29.1%	--	--
2014	166	49	29.5%	0.5	24.7%	27.1%	--	--
2015	123	36	29.3%	0.4	26.0%	27.6%	--	--
2016	138	36	26.1%	0.3	24.6%	--	--	--
Total	5,066	3,552	70.1%	2.3	44.7%	48.8%	58.4%	66.5%

**Figure 12 – Trends in Survival Times by Year of AIDS Diagnosis, 1985-2016,
Reported through June 30, 2018**

Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with an AIDS Diagnosis by December 31, 2016 (Adult/Adolescent Reported AIDS Diagnoses), Number of Adult/Adolescent Reported AIDS Diagnosis Reported to Have Died of Any Cause by December 31, 2017 (Reported AIDS Deaths), Percent by Year of AIDS Diagnosis of Adult/Adolescent Reported AIDS Diagnoses with a Reported AIDS Death (Percent Dead) by December 31, 2017, the Average Years from AIDS Diagnosis to Death for Cases that have Died, and the Percent by Year of AIDS Diagnosis of Adult/Adolescent Reported AIDS Diagnoses Not Reported to Have Died (Percent Alive) at 1 Year, 2 Years, 5 Years, and 10 Years after AIDS Diagnosis, by Year of AIDS Diagnosis from 1985 through 2016, as Reported by Name through June 30, 2018



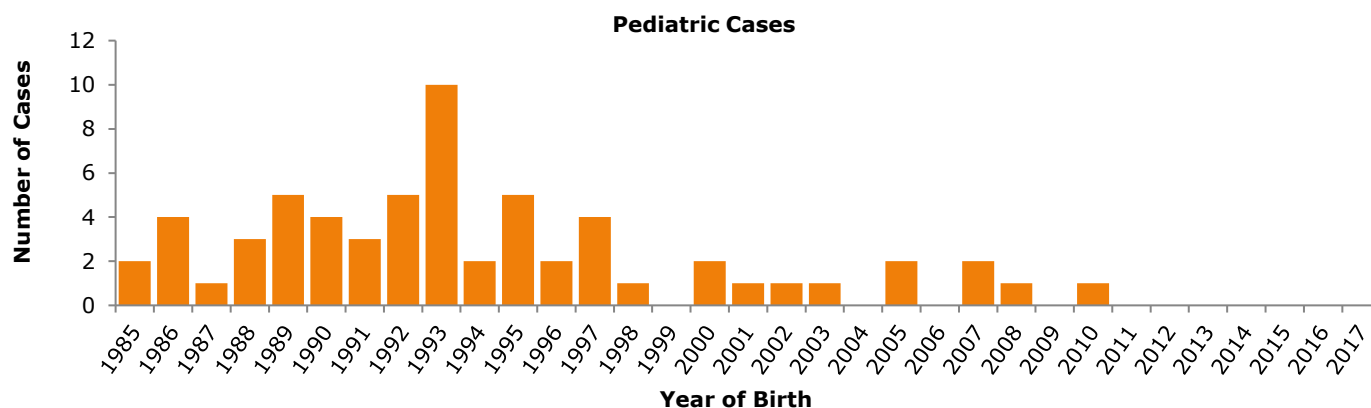
Year of AIDS Diagnosis	Adult/Adolescent Reported AIDS Diagnoses							
	Reported AIDS Deaths				Percent Alive by Years After AIDS Diagnosis			
	No.	No.	% Dead	Mean Years from AIDS to Death	1 Year	2 Years	5 Years	10 Years
<1985	8	8	100.0%	3.0	50.0%	25.0%	12.5%	12.5%
1985	17	17	100.0%	1.2	35.3%	5.9%	5.9%	0.0%
1986	22	22	100.0%	2.1	54.5%	40.9%	13.6%	0.0%
1987	36	36	100.0%	3.1	75.0%	44.4%	11.1%	8.3%
1988	50	49	98.0%	2.3	58.0%	40.0%	14.0%	4.0%
1989	59	58	98.3%	3.0	64.4%	40.7%	16.9%	6.8%
1990	75	71	94.7%	2.6	72.0%	52.0%	18.7%	9.3%
1991	114	107	93.9%	2.6	67.5%	47.4%	14.9%	11.4%
1992	140	127	90.7%	2.5	73.6%	49.3%	15.7%	12.1%
1993	160	142	88.8%	3.1	80.0%	50.0%	26.9%	16.9%
1994	119	100	84.0%	4.0	75.6%	57.1%	40.3%	26.1%
1995	153	101	66.0%	5.4	79.7%	68.6%	59.5%	49.0%
1996	119	77	64.7%	5.6	84.9%	78.2%	60.5%	48.7%
1997	121	73	60.3%	5.2	83.5%	78.5%	62.8%	48.8%
1998	96	56	58.3%	5.8	89.6%	81.3%	69.8%	54.2%
1999	123	73	59.3%	6.1	91.1%	82.9%	72.4%	50.4%
2000	98	43	43.9%	3.8	87.8%	82.7%	65.3%	60.2%
2001	117	50	42.7%	4.6	92.3%	82.1%	70.1%	64.1%
2002	171	75	43.9%	6.0	93.0%	91.2%	78.4%	66.7%
2003	118	48	40.7%	3.9	85.6%	81.4%	72.0%	64.4%
2004	114	40	35.1%	4.5	92.1%	90.4%	78.9%	70.2%
2005	105	40	38.1%	3.5	87.6%	82.9%	73.3%	65.7%
2006	139	51	36.7%	3.9	85.6%	82.7%	76.3%	65.5%
2007	83	20	24.1%	2.5	88.0%	84.3%	81.9%	75.9%
2008	98	31	31.6%	2.4	86.7%	82.7%	74.5%	--
2009	108	23	21.3%	2.8	92.6%	90.7%	83.3%	--
2010	108	29	26.9%	2.7	89.8%	88.0%	79.6%	--
2011	90	11	12.2%	2.8	98.9%	96.7%	87.8%	--
2012	96	18	18.8%	1.9	93.8%	89.6%	81.3%	--
2013	91	13	14.3%	1.2	93.4%	87.9%	--	--
2014	70	4	5.7%	1.1	98.6%	94.3%	--	--
2015	69	5	7.2%	1.0	97.1%	94.2%	--	--
2016*	65	5	7.7%	0.0	92.3%	--	--	--
Total	3,152	1,623	51.5%	3.8	84.9%	75.4%	61.7%	53.7%

*2016 AIDS deaths are preliminary

Section X – Pediatric Cases

Figure 13 – Trends in Pediatric HIV Cases, 1985-2017, Reported through June 30, 2018

Number of Pediatric Reported HIV Cases, Age <13 at HIV Diagnosis, with or without an AIDS Diagnosis (Pediatric Reported HIV Diagnoses) by Year of Birth, by Year of HIV Diagnosis, by Year of AIDS Diagnosis, and by Year of Death Due to Any Cause, and Number of Pediatric Reported HIV Cases, Age <13 at HIV Diagnosis, with or without an AIDS Diagnosis and Not Reported to have Died as of December 31st of Each Year (Pediatric Total Living HIV Cases) from 1985 through 2017, as Reported by Name through June 30, 2018



Year	Pediatric Reported HIV Diagnoses			No. by Year of Death	Pediatric Total Living HIV Cases	
	No. by Year of Birth	No. by Year of HIV Diagnosis	No. by Year of AIDS Diagnosis		No. Alive on December 31st of Each Year	
<1985	3	1	1	0		--
1985	2	0	0	0		0
1986	4	0	0	0		0
1987	1	2	2	0		0
1988	3	0	0	1		0
1989	5	4	3	2		1
1990	4	4	1	1		4
1991	3	4	2	0		7
1992	5	10	3	0		16
1993	10	3	1	1		18
1994	2	7	4	2		23
1995	5	2	2	1		23
1996	2	3	1	0		27
1997	4	1	0	0		29
1998	1	0	2	0		27
1999	0	1	1	0		27
2000	2	1	0	0		28
2001	1	1	0	0		30
2002	1	2	1	0		31
2003	1	0	1	0		30
2004	0	1	0	0		31
2005	2	1	0	0		32
2006	0	2	0	1		34
2007	2	8	0	0		43
2008	1	2	1	0		44
2009	0	3	2	2		45
2010	1	0	3	1		44
2011	0	1	2	1		44
2012	0	0	1	0		45
2013	0	1	2	0		47
2014	0	0	1	0		46
2015	0	0	0	0		46
2016	0	0	0	0		47
2017	0	0	2	0		47
Total	65	65	39	13		--

Table 22 – Current Pediatric HIV Total Living HIV Cases, Alive on December 31, 2017, by Jurisdiction of Current Residence, Reported through June 30, 2018

Jurisdiction of Current Residence	Current Pediatric Total Living HIV Cases	
	No.	% of Total
21117	1	16.7%
21207	1	16.7%
21208	2	33.3%
21234	1	16.7%
21237	1	16.7%
Total	6	100.0%

Table 23 – Current Pediatric HIV Total Living HIV Cases, Alive on December 31, 2017, by Sex at Birth and Race/Ethnicity, Reported through June 30, 2018

Demographic Characteristic	Current Pediatric Total Living HIV Cases	
	No.	% of Total
Sex at Birth		
Male	3	50.0%
Female	3	50.0%
Race/Ethnicity		
Hispanic	0	0.0%
Non-Hispanic	6	100.0%
American Indian/ Alaska Native, only	0	0.0%
Asian, only	0	0.0%
Black, only	6	100.0%
Native Hawaiian/Other Pacific Islander, only	0	0.0%
White, only	0	0.0%
Multiracial/Other	0	0.0%
Total	6	100.0%

Glossary of Terms

Adult/Adolescent Living HIV Cases with AIDS: Reported HIV diagnoses, age 13 years or older as of December 31st of the specified year, with an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Living HIV Cases without AIDS: Reported HIV diagnoses, age 13 years or older as of December 31st of the specified year, without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Reported AIDS Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial AIDS diagnosis during the specified year.

Adult/Adolescent Reported HIV Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial HIV diagnosis during the specified year.

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older as of December 31st of the specified year, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Age at AIDS Diagnosis: Age group at time of initial AIDS diagnosis.

Age at HIV Diagnosis: Age group at time of initial HIV diagnosis.

Age on [date]: Age group of living cases on the specified date.

AIDS Deaths: Reported HIV diagnoses with an AIDS diagnosis that have died due to any cause.

CD4 Result Distribution (<200, 200-349, 350-499, 500+): Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

CD4 With Test: Number and percent of adult/adolescent total living HIV cases with a recent CD4 test result.

Corrections: Residence in a state or federal prison. Does not include local jails and detention centers.

Current Residence: Jurisdiction of residence from the most recent report since January 1, 2009.

First CD4 Test Result Median Count: Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

First CD4 Test Result Percent: Percent of adult/adolescent reported HIV diagnoses with the first CD4 test result reported within 12 months following the initial HIV diagnosis.

Gender Expression: people's outward presentation of their gender which may or may not conform to socially defined behaviors and characteristics typically associated with being either masculine or feminine.

Gender Identity: refers to one's internal understanding of one's own gender, or the gender with which a person identifies.

Jurisdiction of Current Residence: Jurisdiction of residence from the most recent report since January 1, 2009.

Jurisdiction of Residence: Jurisdiction of residence at diagnosis or current residence.

Jurisdiction of Residence at AIDS Diagnosis: Jurisdiction of residence at time of initial AIDS diagnosis.

Jurisdiction of Residence at Diagnosis: Jurisdiction of residence at the later time of initial HIV diagnosis or time of initial AIDS diagnosis.

Jurisdiction of Residence at HIV Diagnosis: Jurisdiction of residence at time of initial HIV diagnosis.

Late HIV Diagnosis: Percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a reported CD4 or viral load test performed less than or equal to 1 month or 3 months after their initial HIV diagnosis.

Living HIV Cases with AIDS: Reported HIV diagnoses with an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

Living HIV Cases without AIDS: Reported HIV diagnoses without an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

Mean Years from HIV Diagnosis: Mean or average number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

Mean Years from AIDS diagnosis to AIDS Death: Mean or average number of years from initial AIDS diagnosis to death for adult/adolescent reported AIDS diagnoses with a reported death.

Median Count: Median CD4 count (cells per microliter), among adult/adolescent total living HIV cases, of the most recent CD4 test result measured in the specified year.

Median Unsuppressed: Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with the most recent viral load test result measured in the specified year of 200 copies per milliliter or greater.

Pediatric Total Living HIV Cases: Reported HIV diagnosis, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Percent Change: The percent change in number of adult/adolescent total living HIV cases from residence at diagnosis to current residence.

Percent Alive by Years after AIDS Diagnosis: Percent of adult/adolescent reported AIDS diagnoses not reported to have died at 1 year, 2 years, 5 years and 10 years after initial AIDS diagnosis, by year of AIDS diagnosis.

Percent Late HIV Diagnosis: Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 12 months prior to their initial AIDS diagnosis.

Percent Suppressed: Percent of adult/adolescent total living HIV cases with a recent viral load test result measured in the specified year of less than 200 copies per milliliter.

Percent Living with AIDS: The percent of reported HIV diagnoses with an AIDS diagnosis not reported to have died as of December 31st of the specified year

Percent with AIDS by Years after HIV Diagnosis: Percent of adult/adolescent reported HIV diagnoses in the specified year with an initial AIDS diagnosis at 1 year, 2 years, 5 years and 10 years after HIV diagnosis.

Population: Population estimate for July 1, 2017.

Population Age 13+: Population age 13 years or older, estimate for July 1, 2017.

Rate: Number of HIV cases divided by the population and multiplied by 100,000.

Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Recent CD4 Test Result: The most recent CD4 test result measured in the specified year.

Recent Viral Load Test Result: The most recent viral load test result measured in the specified year.

Reported AIDS Deaths: Reported HIV diagnoses with an AIDS diagnosis, reported to have died of any cause during the specified year.

Reported AIDS Diagnoses: Reported HIV diagnoses with an initial AIDS diagnosis during the specified year.

Reported HIV Diagnoses: Reported HIV diagnoses with an initial HIV diagnosis during the specified year.

Residence at Diagnosis: Jurisdiction of residence at later time of initial HIV diagnosis or initial AIDS diagnosis.

Retained in HIV Care: HIV diagnosed with a reported CD4 or viral load test result performed or reported antiretroviral use in the specified year.

Suppressed Viral Load: HIV Diagnosed with the most recent viral load measured in the specified year of less than 200 copies per milliliter.

Total Living HIV Cases: Reported HIV diagnoses with or without an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

Transgender Female: A person whose sex assigned at birth is male but whose gender identity is female.

Transgender Male: A person whose sex assigned at birth is female but whose gender identity is male.

Another Gender Identity: Additional gender identities or gender expressions.

Viral Load With Test: Number and percent of adult/adolescent total living HIV cases with a recent viral load test result.